

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088472.D
 Acq On : 09 Dec 2025 11:21
 Operator : JC\MD
 Sample : VN1209MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBL01

Quant Time: Dec 10 05:03:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.206	168	179224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	426527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	423766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	191763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	227119	67.270	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 134.540%#	
35) Dibromofluoromethane	8.147	113	160599	54.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.660%	
50) Toluene-d8	10.541	98	563165	51.206	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.823	95	203769	53.999	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.000%	

Target Compounds				Qvalue		
3) Chloromethane	2.395	50	1081	0.374	ug/l	97
5) Bromomethane	3.012	94	1227	0.867	ug/l #	30
10) Methyl Iodide	4.583	142	905	0.415	ug/l #	67
11) Tert butyl alcohol	5.489	59	146	0.271	ug/l #	72
13) Acrolein	4.189	56	367	0.711	ug/l	94
15) Acrylonitrile	5.706	53	1860	1.196	ug/l #	74
16) Acetone	4.418	43	3427	2.807	ug/l #	82
17) Carbon Disulfide	4.700	76	3107	0.435	ug/l #	76
18) Methyl Acetate	5.024	43	2631	0.724	ug/l #	70
20) Methylene Chloride	5.259	84	1091	0.418	ug/l #	57
21) trans-1,2-Dichloroethene	5.777	96	522	0.216	ug/l #	43
25) 2-Butanone	7.488	43	1691	0.861	ug/l #	49
29) Tetrahydrofuran	7.836	42	1093	0.776	ug/l #	52
31) Cyclohexane	8.200	56	6600	1.486	ug/l #	51
36) 1,1-Dichloropropene	8.206	75	19036	4.173	ug/l #	45
38) Carbon Tetrachloride	8.206	117	22280	4.906	ug/l #	16
39) Methylcyclohexane	9.571	83	1578	0.323	ug/l #	60
42) 1,2-Dichloroethane	8.653	62	1109	0.217	ug/l #	77
49) 1,4-Dioxane	9.677	88	457	8.594	ug/l #	69
51) 4-Methyl-2-Pentanone	10.424	43	2430	0.450	ug/l #	77
58) 2-Chloroethyl Vinyl ether	10.135	63	950	0.349	ug/l #	49
64) Tetrachloroethene	11.076	164	696	0.207	ug/l #	62
68) m/p-Xylenes	12.047	106	1401	0.227	ug/l	74
76) 1,2,3-Trichloropropane	12.829	75	118234	26.324	ug/l #	1
78) n-propylbenzene	13.023	91	4118	0.237	ug/l #	74
79) 2-Chlorotoluene	13.106	91	2691	0.254	ug/l	76
80) 1,3,5-Trimethylbenzene	13.153	105	2472	0.210	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.829	75	118234	74.681	ug/l #	1
82) 4-Chlorotoluene	13.106	91	2691	0.256	ug/l	75
83) tert-Butylbenzene	13.418	119	2746	0.275	ug/l	77
85) sec-Butylbenzene	13.588	105	5156	0.359	ug/l	97
86) p-Isopropyltoluene	13.700	119	4433	0.377	ug/l	92
87) 1,3-Dichlorobenzene	13.717	146	1845	0.292	ug/l	81
88) 1,4-Dichlorobenzene	13.717	146	1845	0.279	ug/l	83
89) n-Butylbenzene	14.035	91	4233	0.371	ug/l	94
90) Hexachloroethane	14.294	117	879	0.409	ug/l #	58

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088472.D
Acq On : 09 Dec 2025 11:21
Operator : JC\MD
Sample : VN1209MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Quant Time: Dec 10 05:03:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

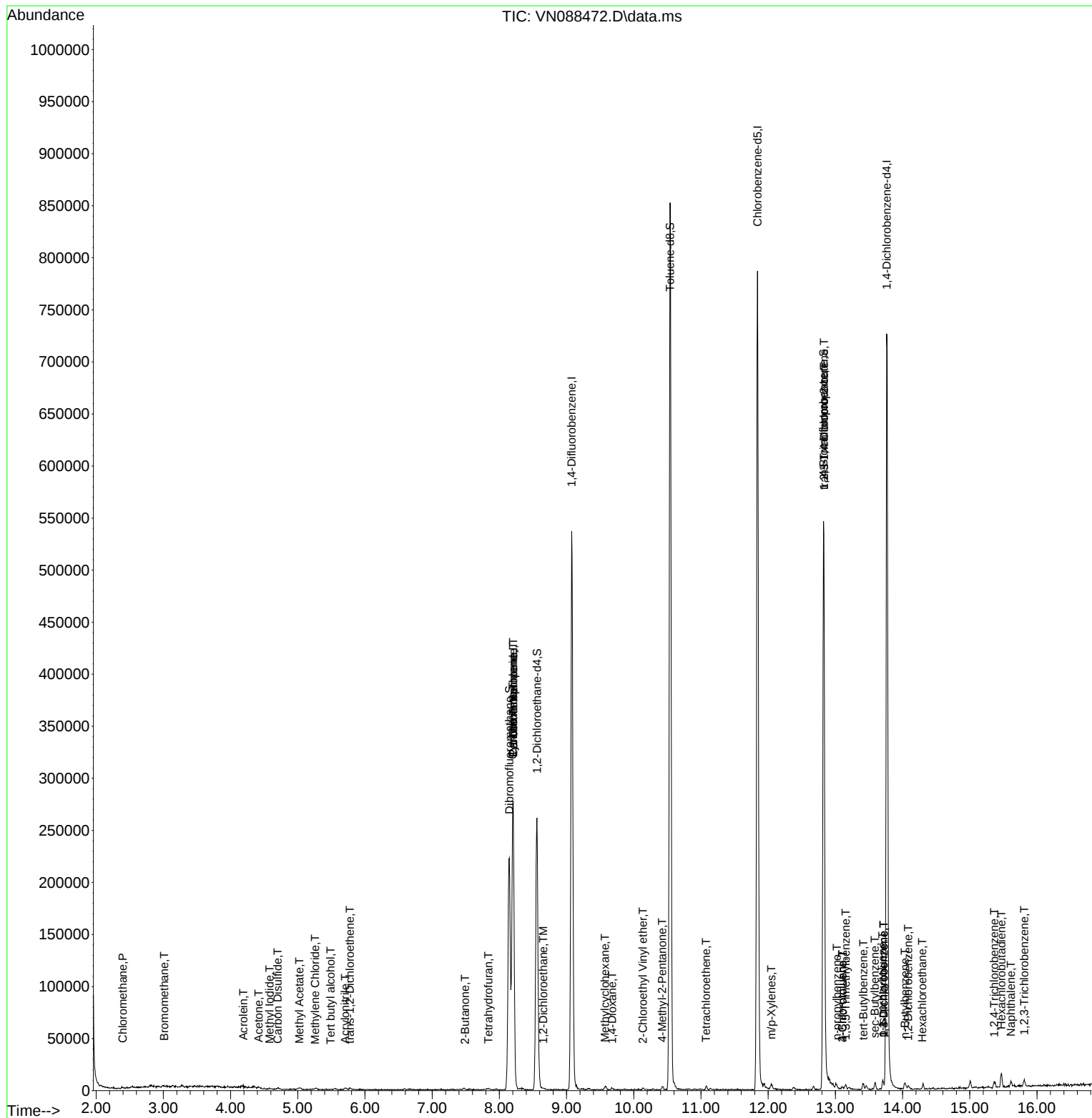
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	14.082	146	1419	0.239	ug/l	83
93) 1,2,4-Trichlorobenzene	15.364	180	2247	0.636	ug/l	84
94) Hexachlorobutadiene	15.470	225	2118	1.669	ug/l	80
95) Naphthalene	15.611	128	5907	0.483	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.811	180	2427	0.706	ug/l	93

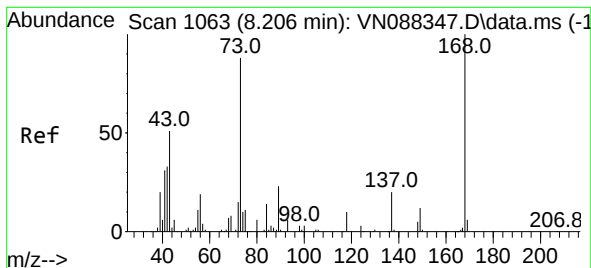
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088472.D
Acq On : 09 Dec 2025 11:21
Operator : JC\MD
Sample : VN1209MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

Quant Time: Dec 10 05:03:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.206 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088472.D

Acq: 09 Dec 2025 11:21

Instrument :

MSVOA_N

ClientSampleId :

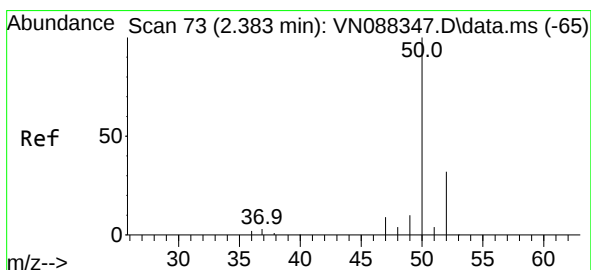
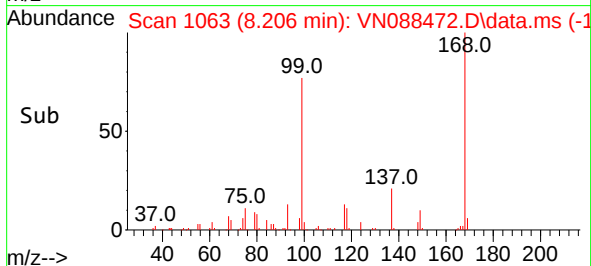
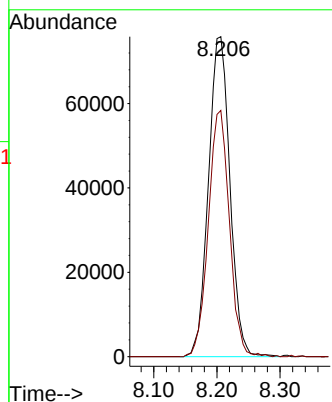
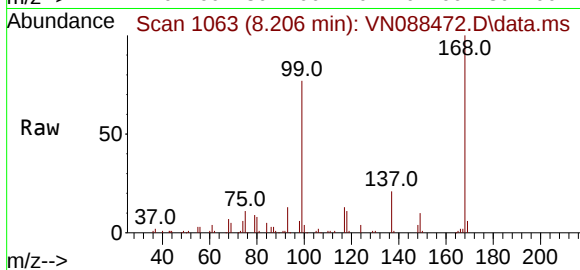
VN1209MBL01

Tgt Ion:168 Resp: 179224

Ion Ratio Lower Upper

168 100

99 77.0 57.1 85.7



#3

Chloromethane

Concen: 0.374 ug/l

RT: 2.395 min Scan# 75

Delta R.T. 0.012 min

Lab File: VN088472.D

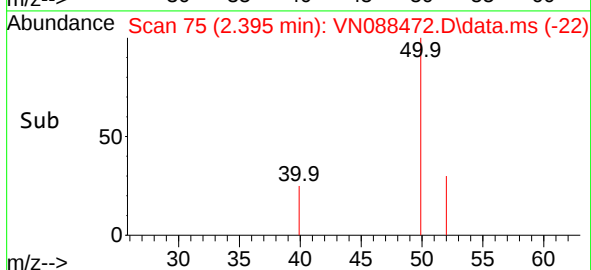
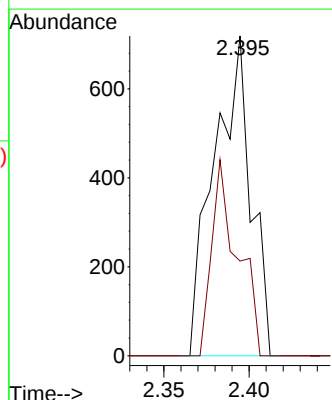
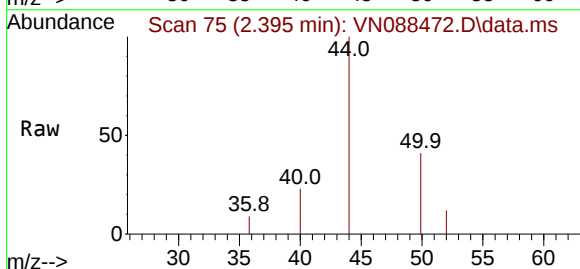
Acq: 09 Dec 2025 11:21

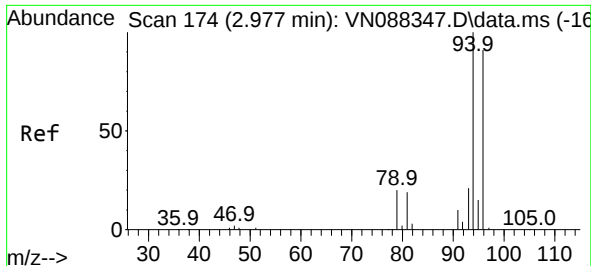
Tgt Ion: 50 Resp: 1081

Ion Ratio Lower Upper

50 100

52 29.6 25.2 37.8

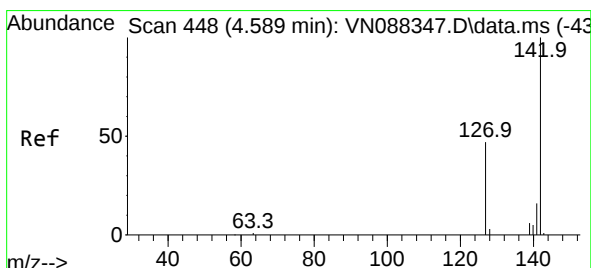
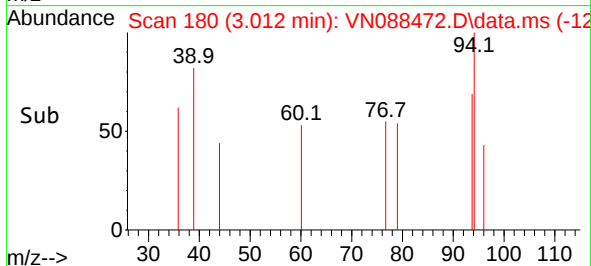
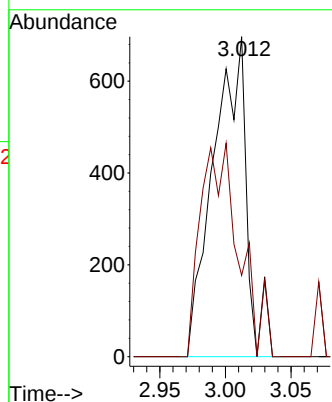
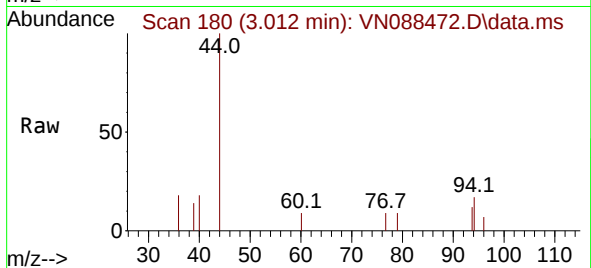




#5
Bromomethane
Concen: 0.867 ug/l
RT: 3.012 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

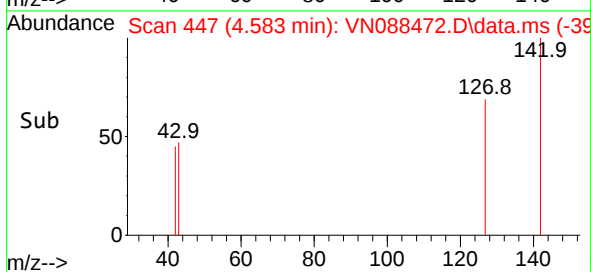
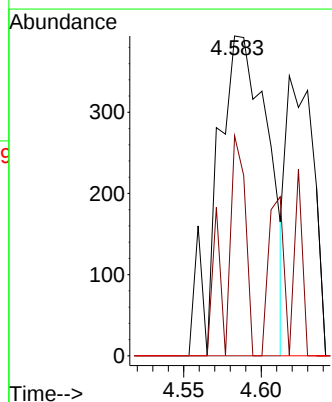
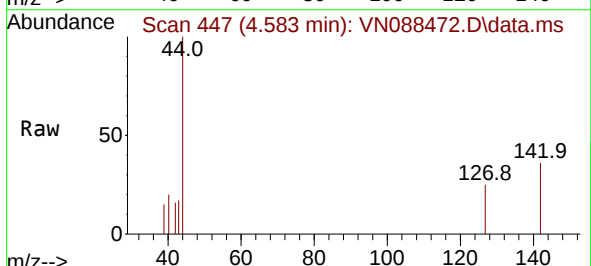
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

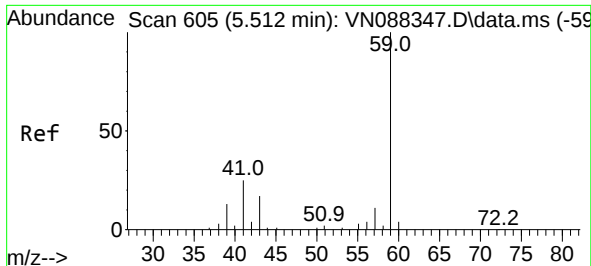
Tgt Ion: 94 Resp: 1227
Ion Ratio Lower Upper
94 100
96 25.4 73.2 109.8#



#10
Methyl Iodide
Concen: 0.415 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 142 Resp: 905
Ion Ratio Lower Upper
142 100
127 68.8 37.9 56.9#
141 0.0 12.4 18.6#





#11

Tert butyl alcohol

Concen: 0.271 ug/l

RT: 5.489 min Scan# 605

Delta R.T. -0.023 min

Lab File: VN088472.D

Acq: 09 Dec 2025 11:21

Instrument :

MSVOA_N

ClientSampleId :

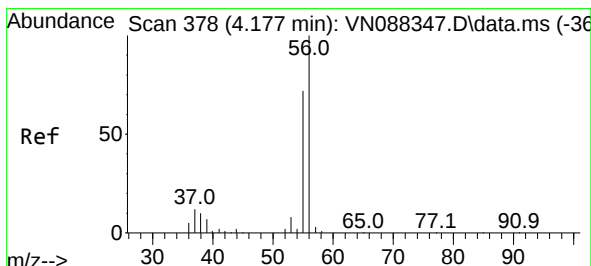
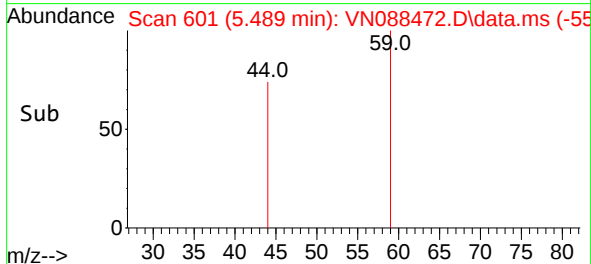
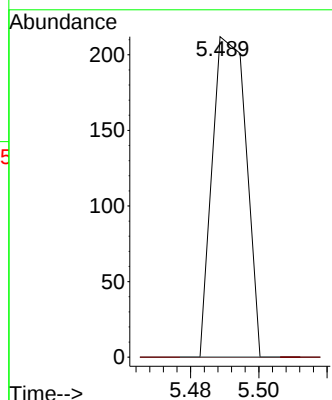
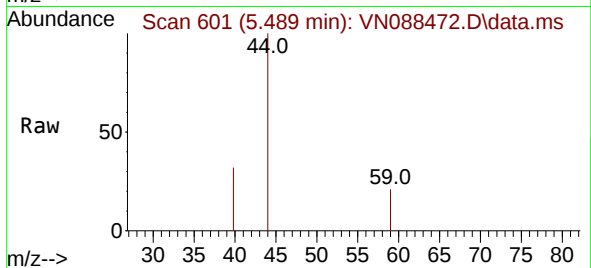
VN1209MBL01

Tgt Ion: 59 Resp: 146

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 0.711 ug/l

RT: 4.189 min Scan# 380

Delta R.T. 0.012 min

Lab File: VN088472.D

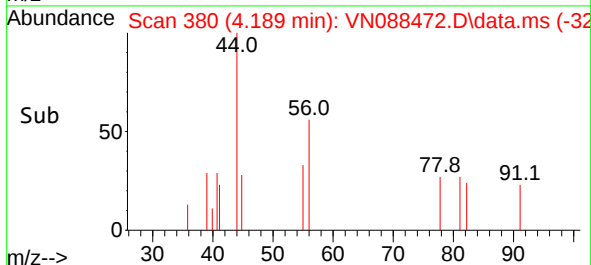
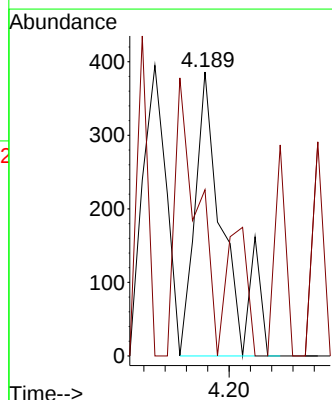
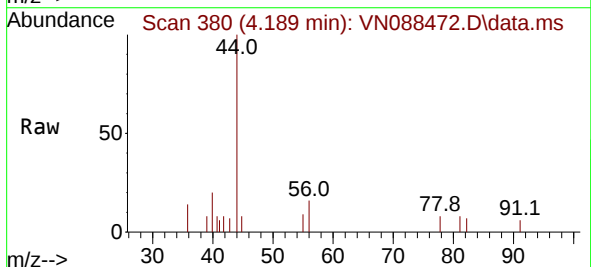
Acq: 09 Dec 2025 11:21

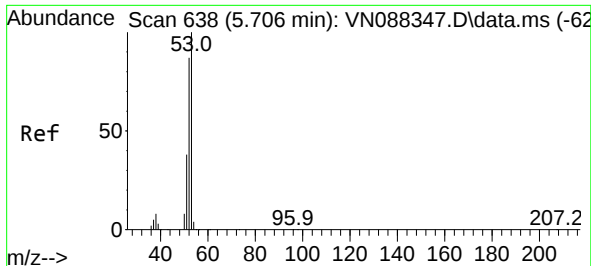
Tgt Ion: 56 Resp: 367

Ion Ratio Lower Upper

56 100

55 75.7 56.3 84.5

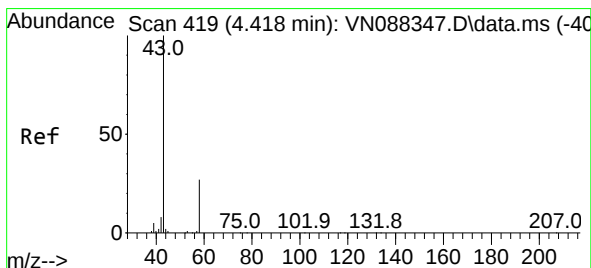
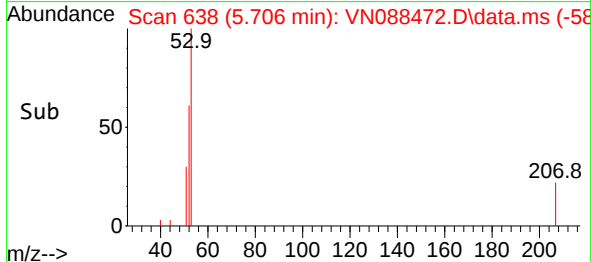
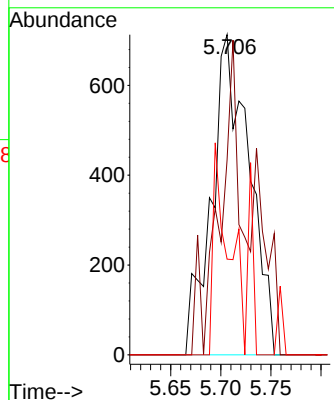
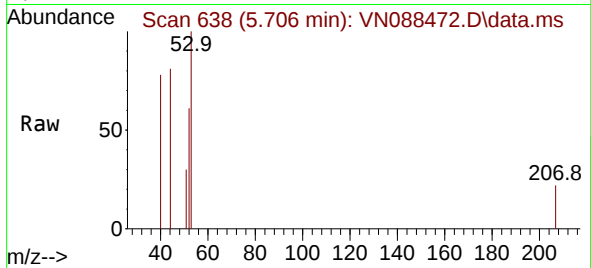




#15
Acrylonitrile
Concen: 1.196 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

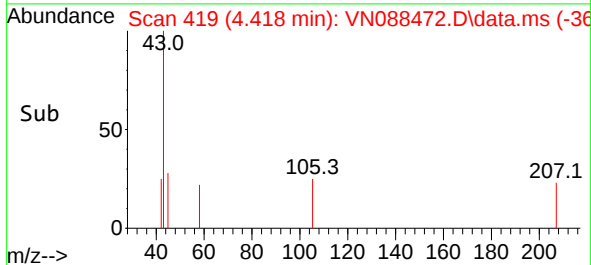
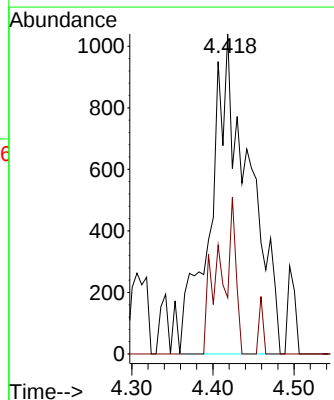
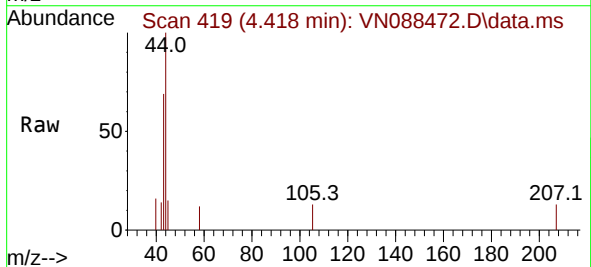
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

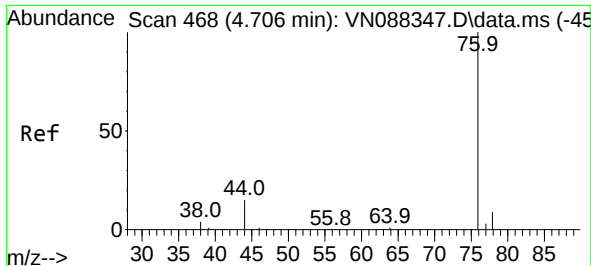
Tgt Ion: 53 Resp: 1860
Ion Ratio Lower Upper
53 100
52 56.7 67.8 101.6#
51 27.7 29.8 44.8#



#16
Acetone
Concen: 2.807 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 43 Resp: 3427
Ion Ratio Lower Upper
43 100
58 17.6 21.7 32.5#

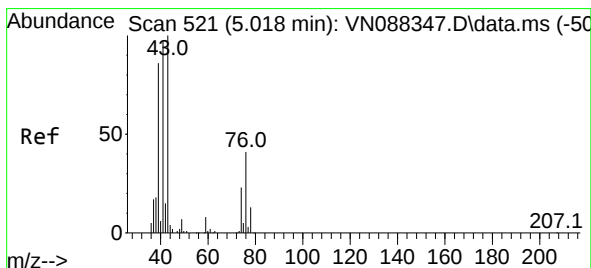
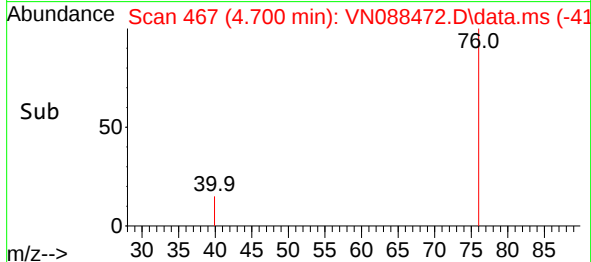
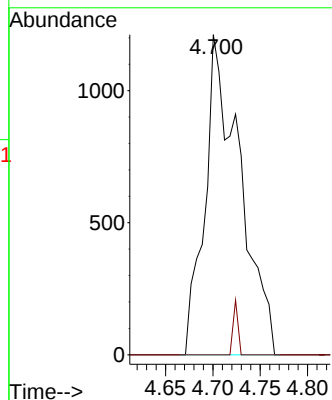
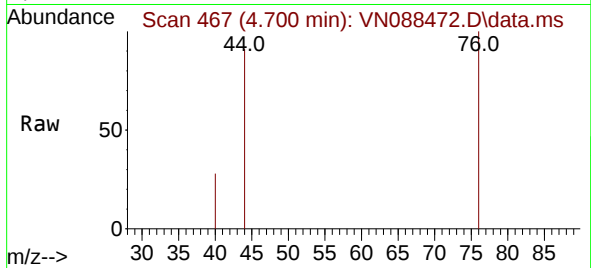




#17
Carbon Disulfide
Concen: 0.435 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

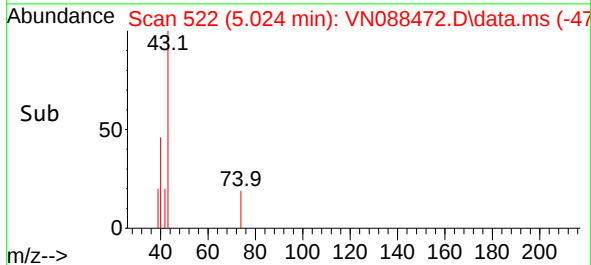
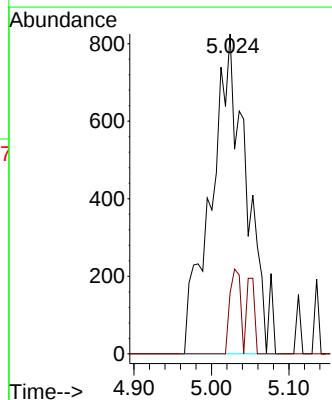
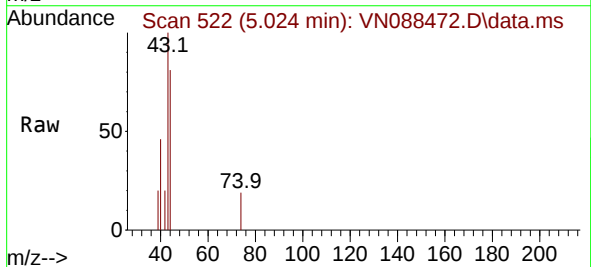
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

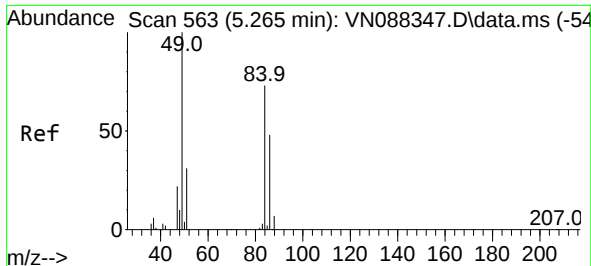
Tgt Ion: 76 Resp: 3107
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#18
Methyl Acetate
Concen: 0.724 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 43 Resp: 2631
Ion Ratio Lower Upper
43 100
74 7.8 17.9 26.9#

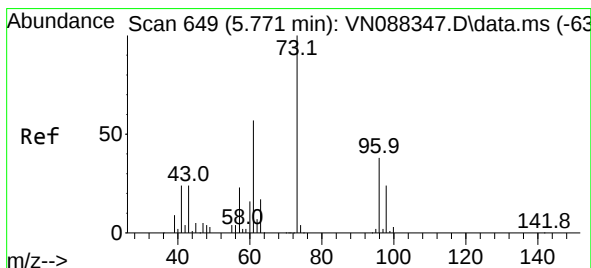
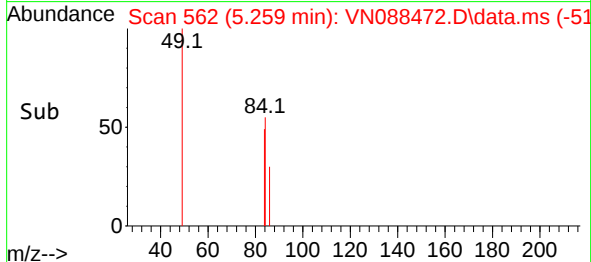
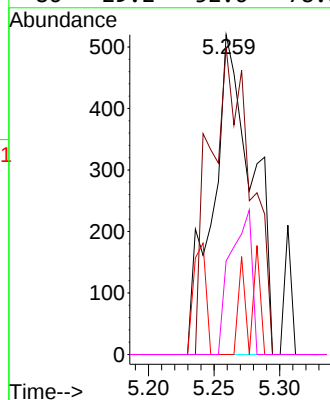
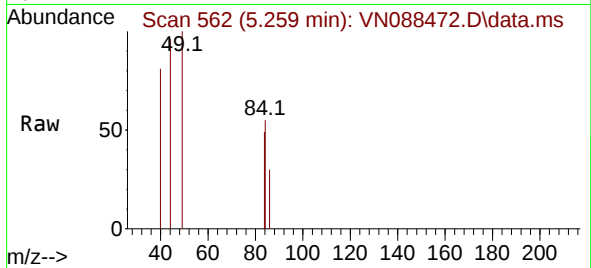




#20
Methylene Chloride
Concen: 0.418 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

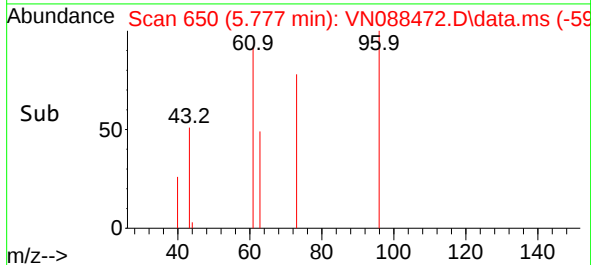
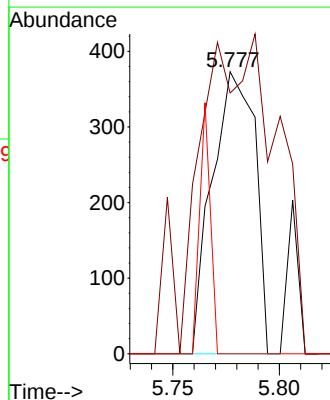
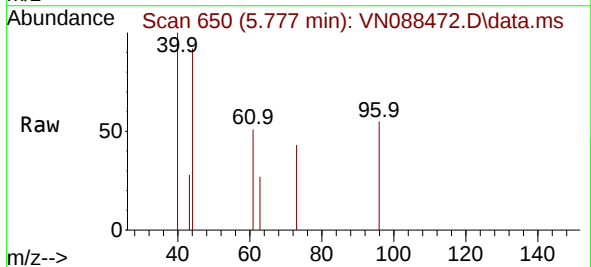
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

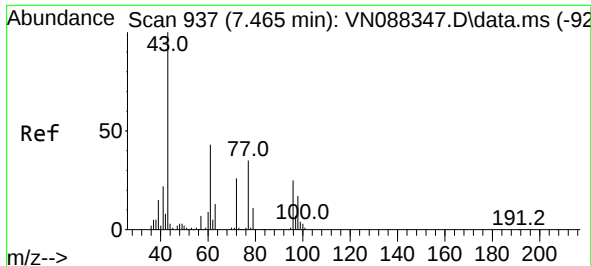
Tgt Ion: 84 Resp: 1091
Ion Ratio Lower Upper
84 100
49 96.2 110.2 165.2#
51 0.0 34.1 51.1#
86 29.2 52.6 78.8#



#21
trans-1,2-Dichloroethene
Concen: 0.216 ug/l
RT: 5.777 min Scan# 650
Delta R.T. 0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 96 Resp: 522
Ion Ratio Lower Upper
96 100
61 92.5 122.4 183.6#
98 0.0 50.9 76.3#

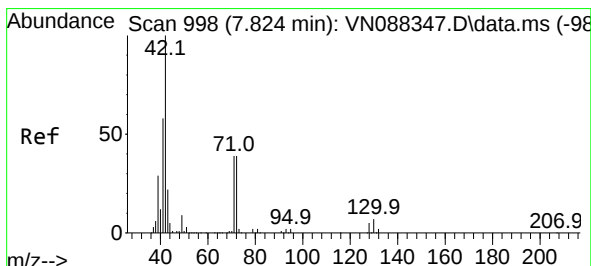
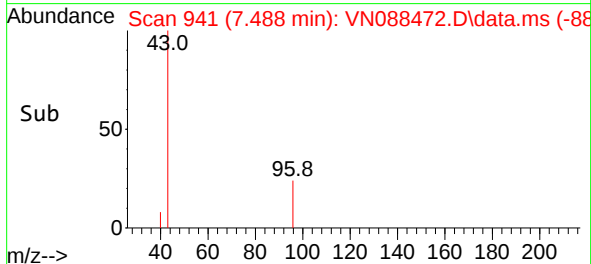
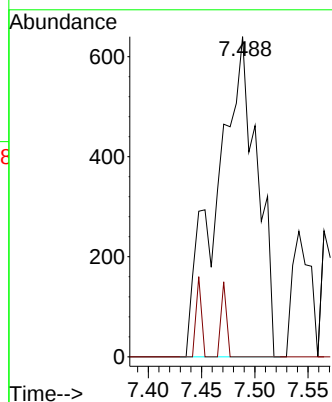
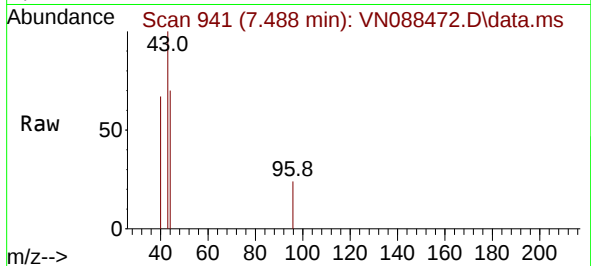




#25
2-Butanone
Concen: 0.861 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.024 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

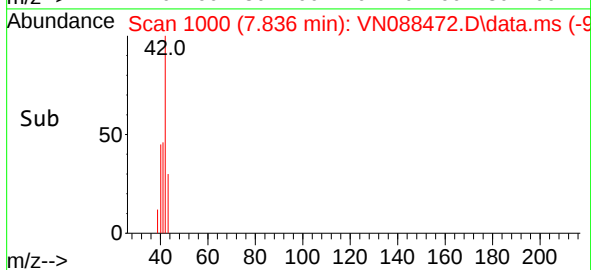
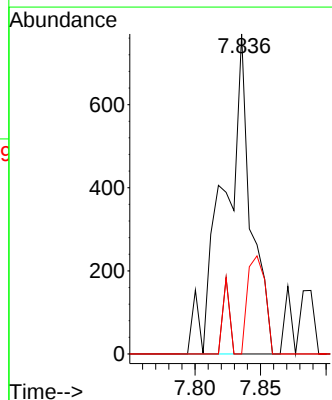
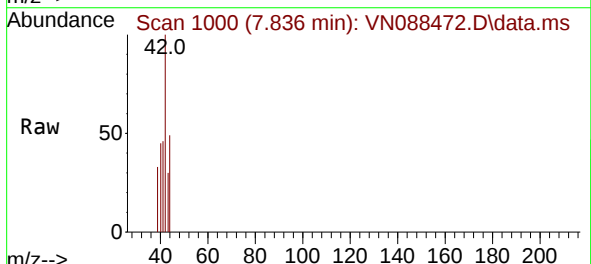
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

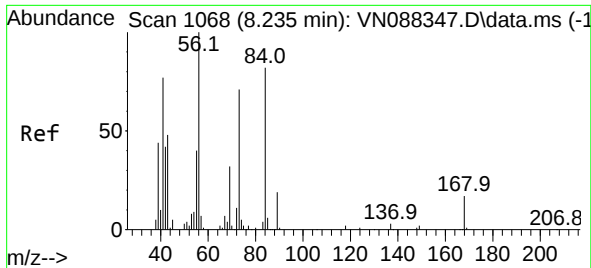
Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#29
Tetrahydrofuran
Concen: 0.776 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 42 Resp: 1093
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.4#
71 20.2 31.1 46.7#

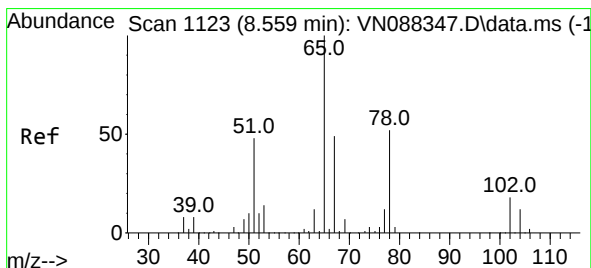
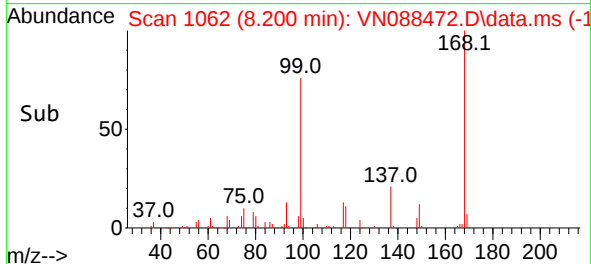
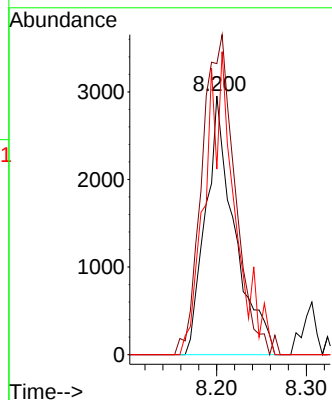
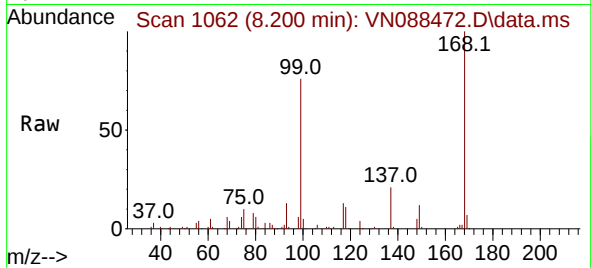




#31
Cyclohexane
Concen: 1.486 ug/l
RT: 8.200 min Scan# 1068
Delta R.T. -0.035 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

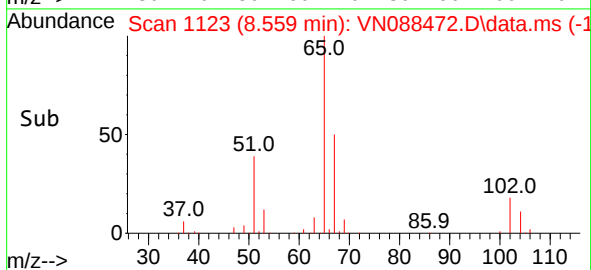
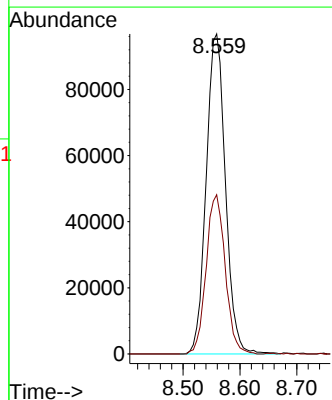
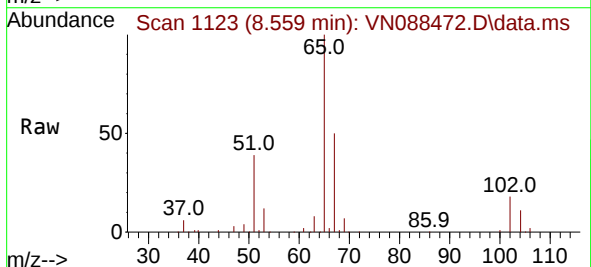
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

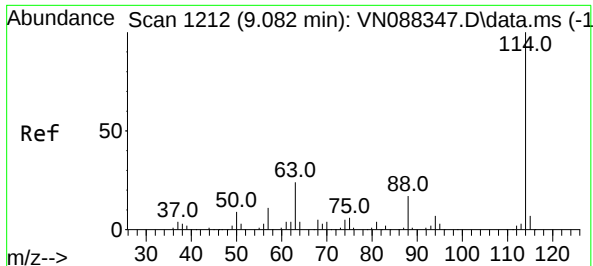
Tgt Ion: 56 Resp: 6600
Ion Ratio Lower Upper
56 100
69 112.5 25.3 37.9#
84 71.7 65.4 98.2



#33
1,2-Dichloroethane-d4
Concen: 67.270 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 65 Resp: 227119
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088472.D

Acq: 09 Dec 2025 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBL01

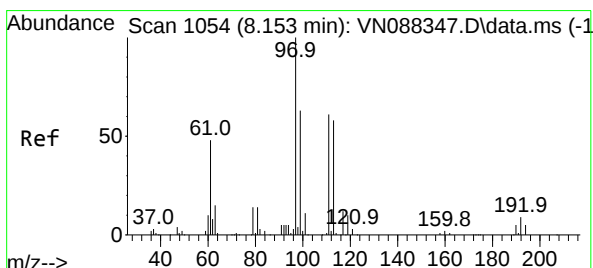
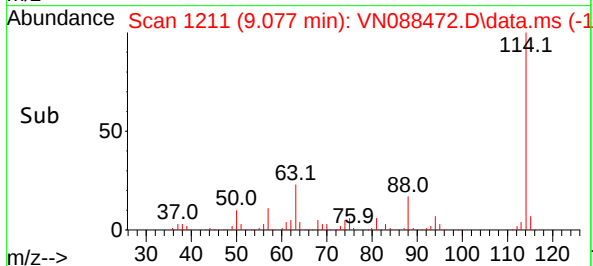
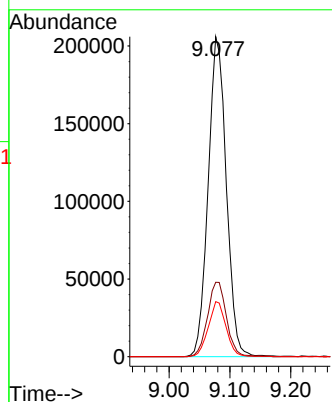
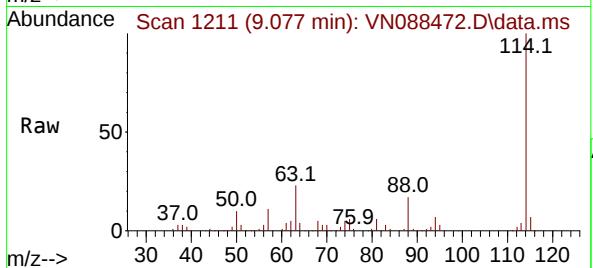
Tgt Ion:114 Resp: 426527

Ion Ratio Lower Upper

114 100

63 23.2 0.0 49.0

88 17.2 0.0 34.0



#35

Dibromofluoromethane

Concen: 54.333 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088472.D

Acq: 09 Dec 2025 11:21

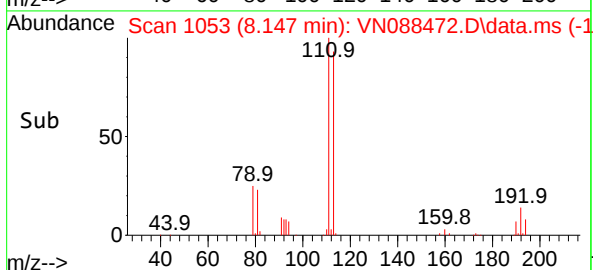
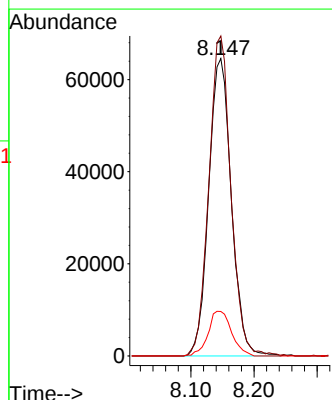
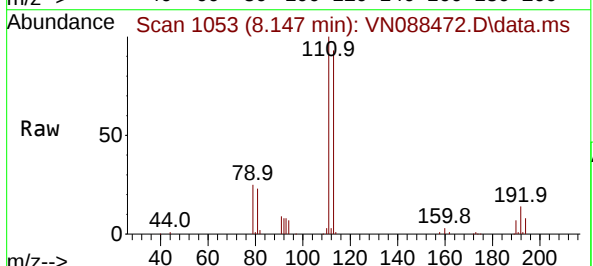
Tgt Ion:113 Resp: 160599

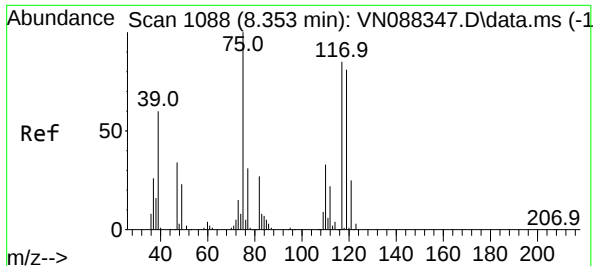
Ion Ratio Lower Upper

113 100

111 104.9 82.5 123.7

192 15.6 12.8 19.2





#36

1,1-Dichloropropene

Concen: 4.173 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN088472.D

Acq: 09 Dec 2025 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBL01

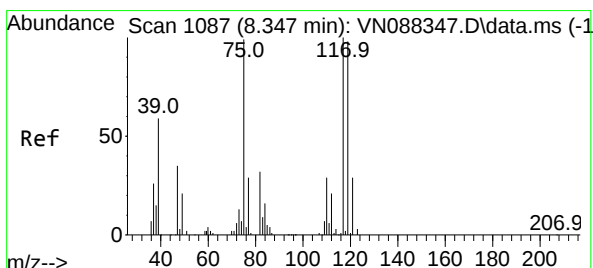
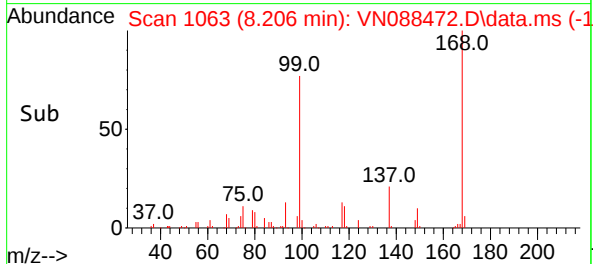
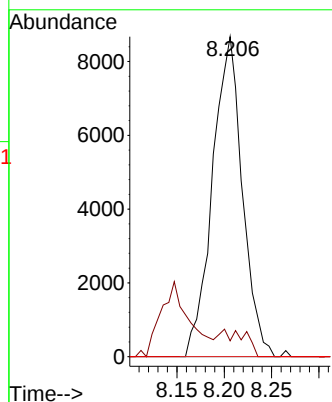
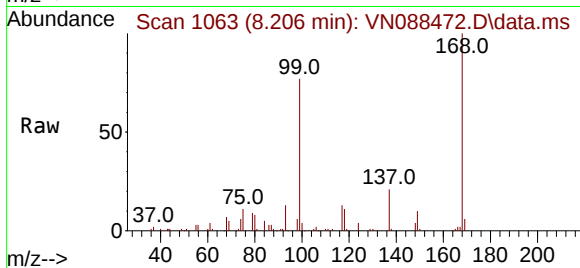
Tgt Ion: 75 Resp: 19036

Ion Ratio Lower Upper

75 100

110 1.1 15.8 47.4#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.906 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.141 min

Lab File: VN088472.D

Acq: 09 Dec 2025 11:21

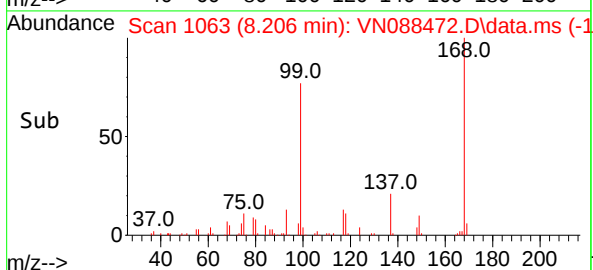
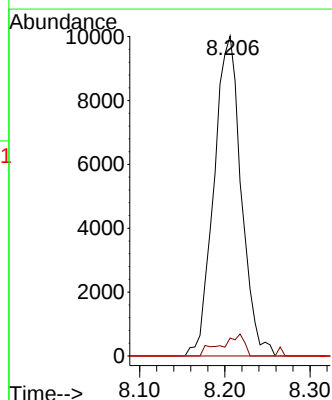
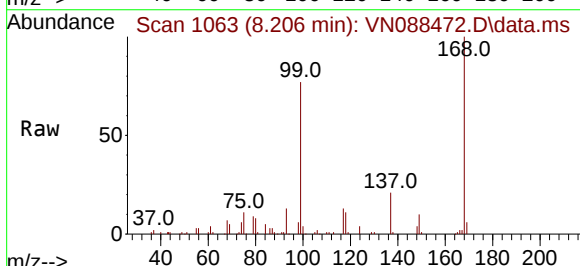
Tgt Ion: 117 Resp: 22280

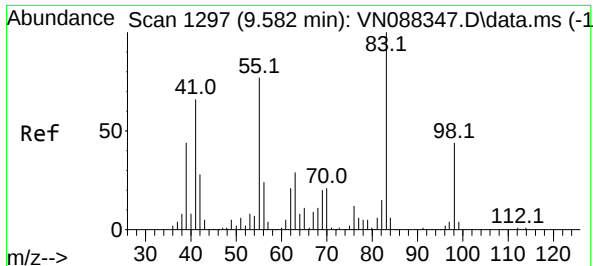
Ion Ratio Lower Upper

117 100

119 5.6 78.2 117.4#

121 0.0 23.4 35.2#





#39

Methylcyclohexane

Concen: 0.323 ug/l

RT: 9.571 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VN088472.D

Acq: 09 Dec 2025 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBL01

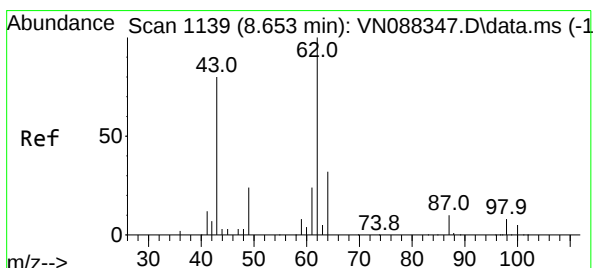
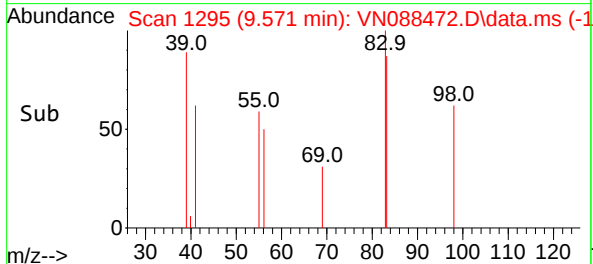
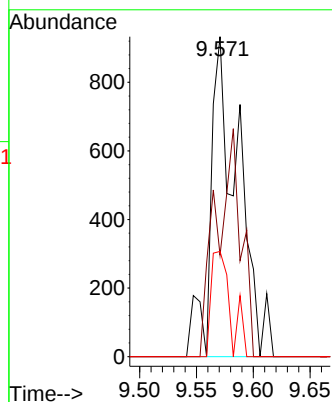
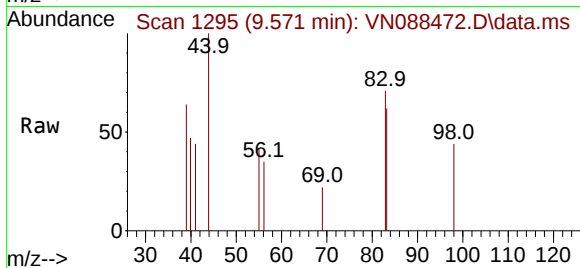
Tgt Ion: 83 Resp: 1578

Ion Ratio Lower Upper

83 100

55 31.7 61.6 92.4#

98 32.9 35.3 52.9#



#42

1,2-Dichloroethane

Concen: 0.217 ug/l

RT: 8.653 min Scan# 1139

Delta R.T. 0.000 min

Lab File: VN088472.D

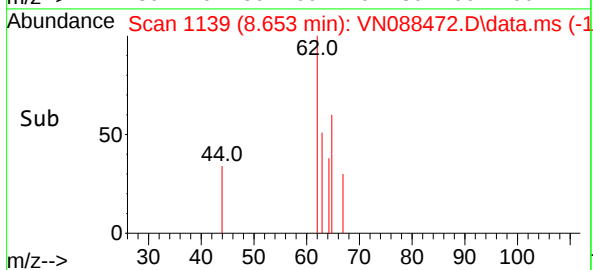
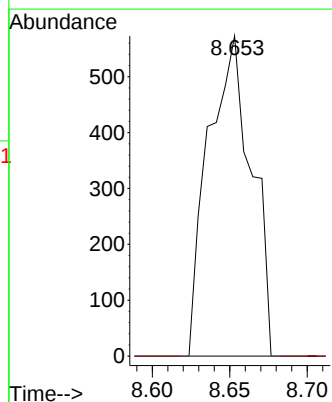
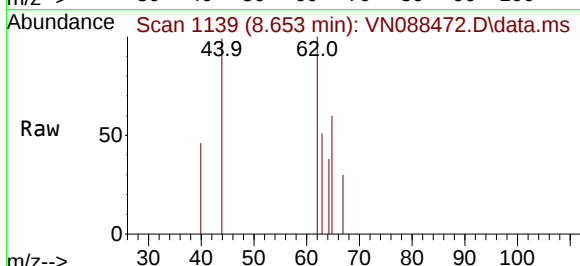
Acq: 09 Dec 2025 11:21

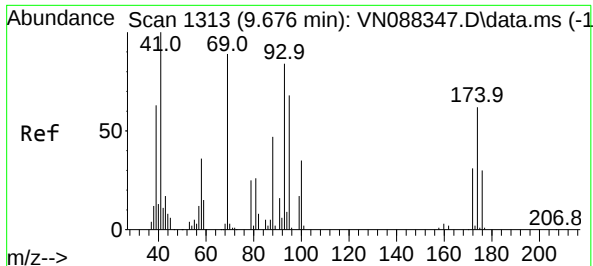
Tgt Ion: 62 Resp: 1109

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.2

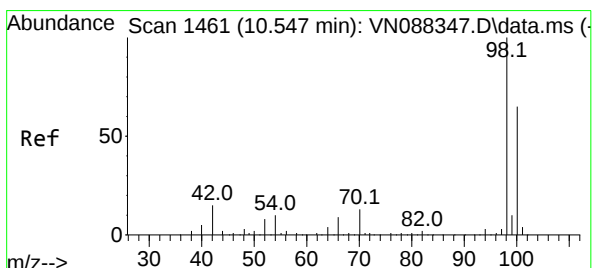
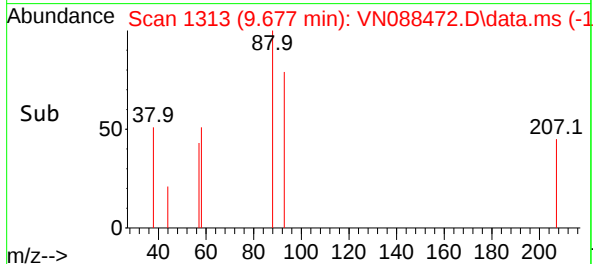
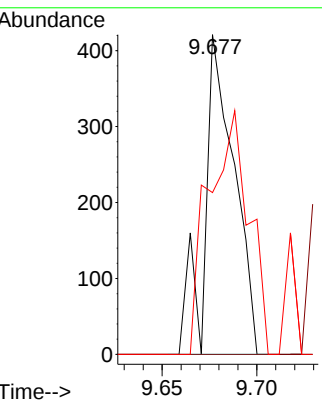
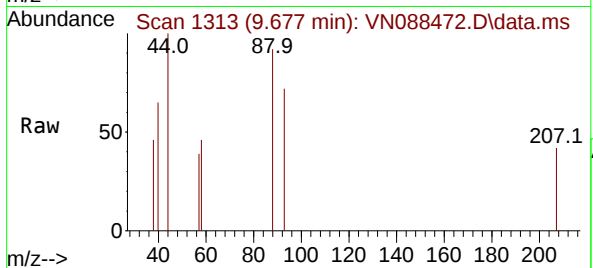




#49
1,4-Dioxane
Concen: 8.594 ug/l
RT: 9.677 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

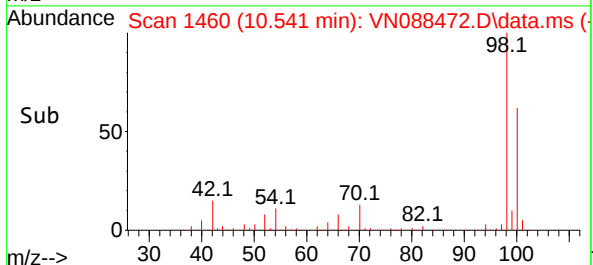
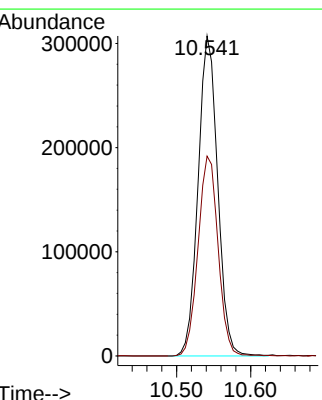
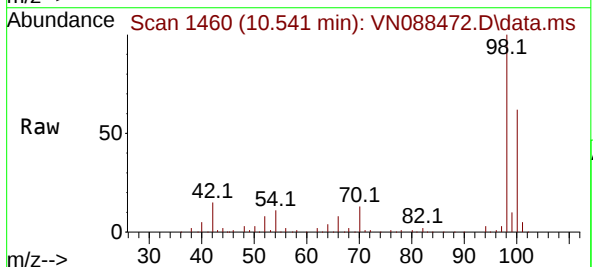
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

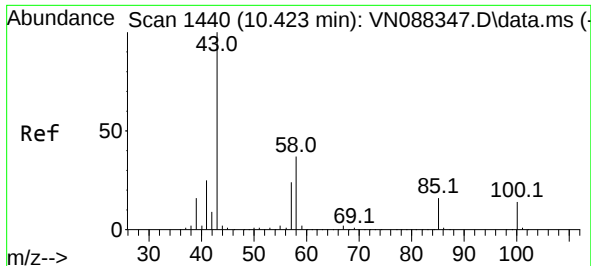
Tgt Ion: 88 Resp: 457
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 104.2 62.0 93.0#



#50
Toluene-d8
Concen: 51.206 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 98 Resp: 563165
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 0.450 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VN088472.D

Acq: 09 Dec 2025 11:21

Instrument :

MSVOA_N

ClientSampleId :

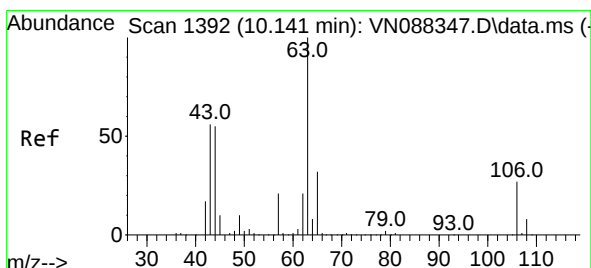
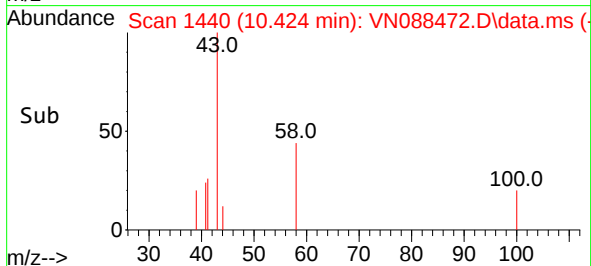
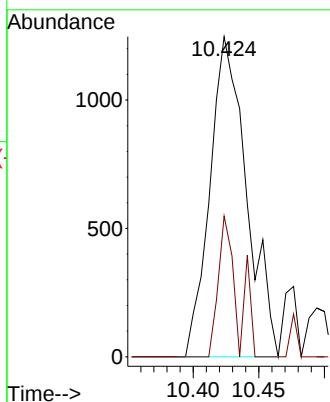
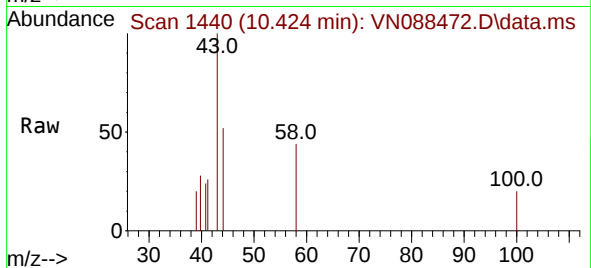
VN1209MBL01

Tgt Ion: 43 Resp: 2430

Ion Ratio Lower Upper

43 100

58 22.6 29.1 43.7#



#58

2-Chloroethyl Vinyl ether

Concen: 0.349 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088472.D

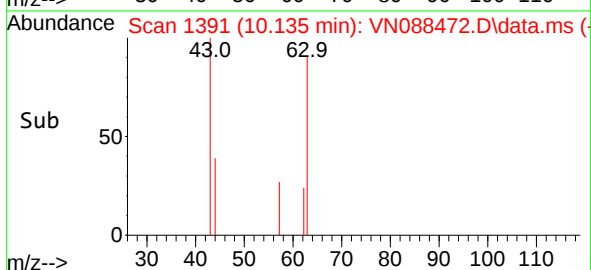
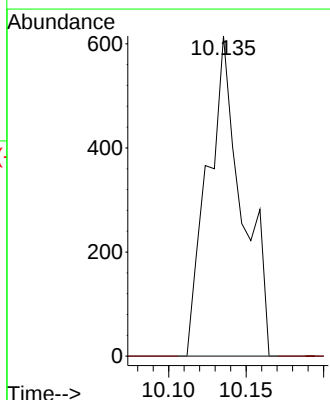
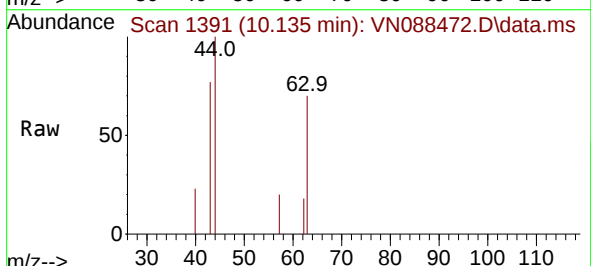
Acq: 09 Dec 2025 11:21

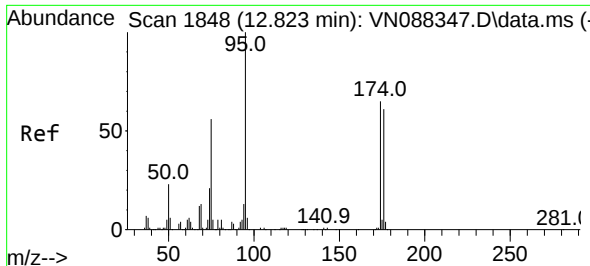
Tgt Ion: 63 Resp: 950

Ion Ratio Lower Upper

63 100

106 0.0 20.5 30.7#

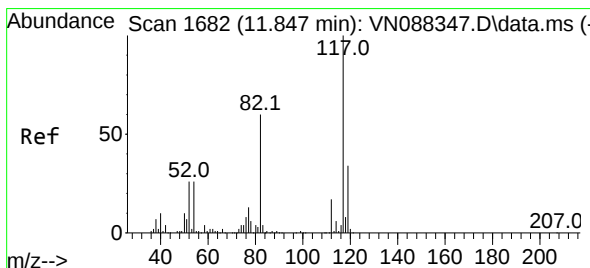
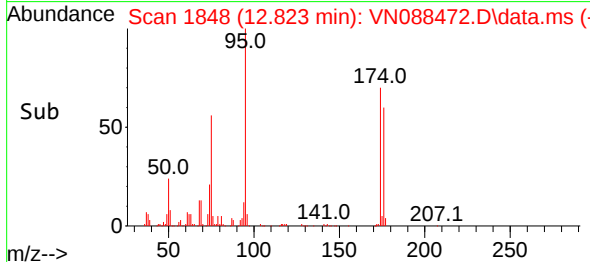
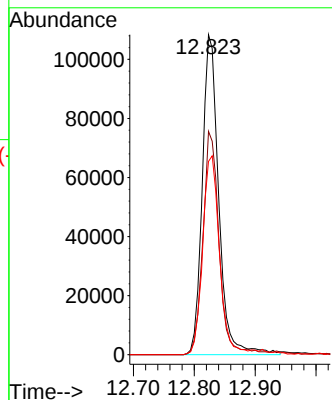
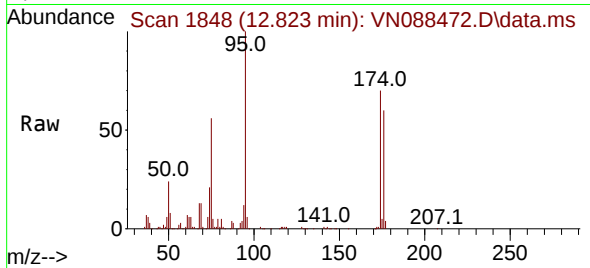




#62
4-Bromofluorobenzene
Concen: 53.999 ug/l
RT: 12.823 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

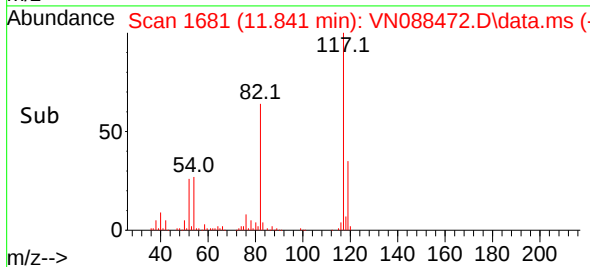
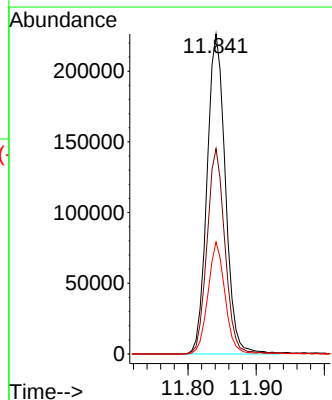
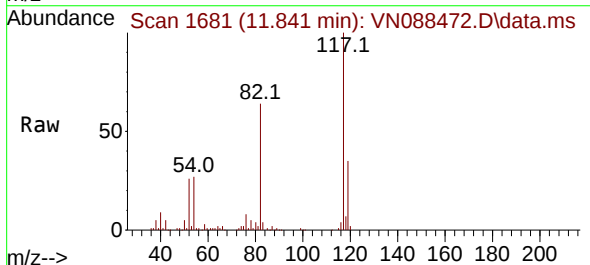
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

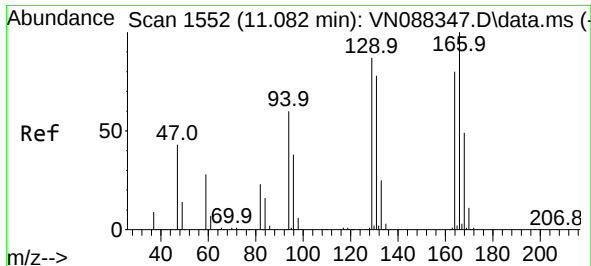
Tgt Ion: 95 Resp: 203769
Ion Ratio Lower Upper
95 100
174 68.5 0.0 139.0
176 63.5 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 117 Resp: 423766
Ion Ratio Lower Upper
117 100
82 64.2 47.8 71.8
119 35.0 26.9 40.3

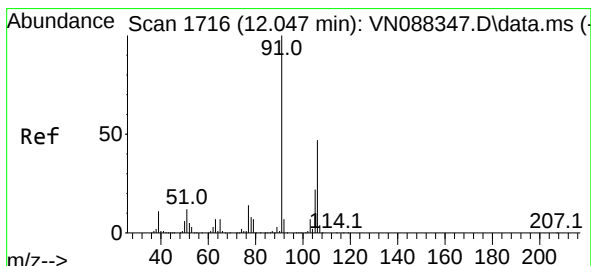
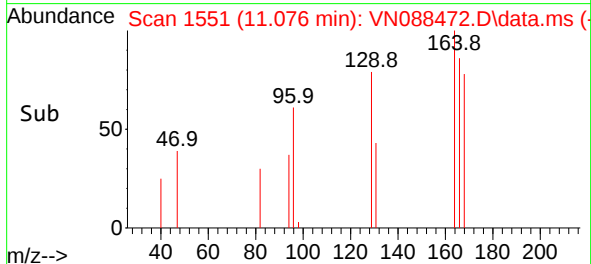
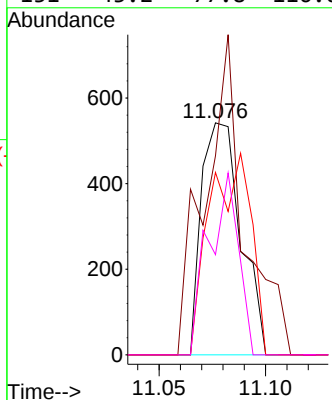
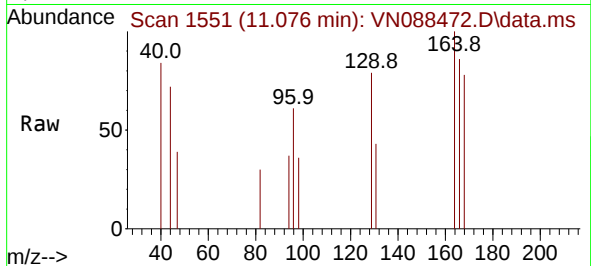




#64
Tetrachloroethene
Concen: 0.207 ug/l
RT: 11.076 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

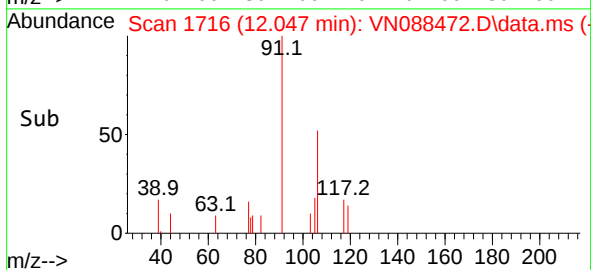
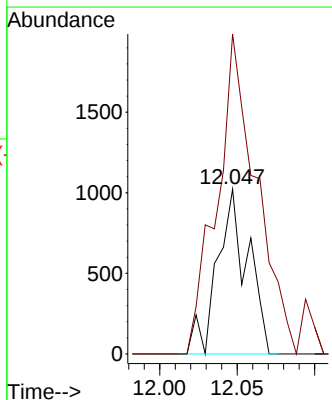
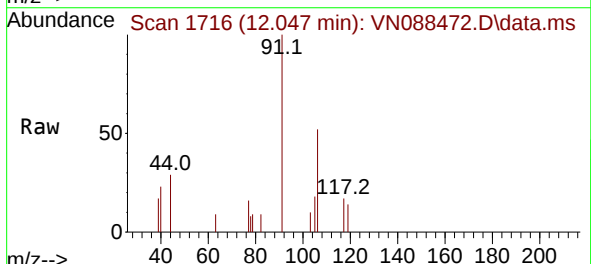
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

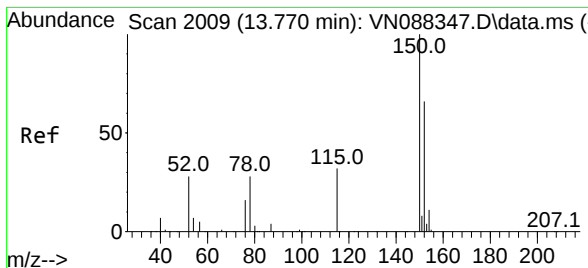
Tgt Ion:164 Resp: 696
Ion Ratio Lower Upper
164 100
166 85.8 99.6 149.4#
129 78.6 86.6 129.8#
131 43.2 77.8 116.6#



#68
m/p-Xylenes
Concen: 0.227 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion:106 Resp: 1401
Ion Ratio Lower Upper
106 100
91 250.2 167.8 251.6

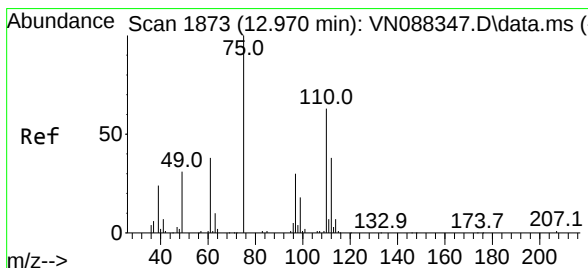
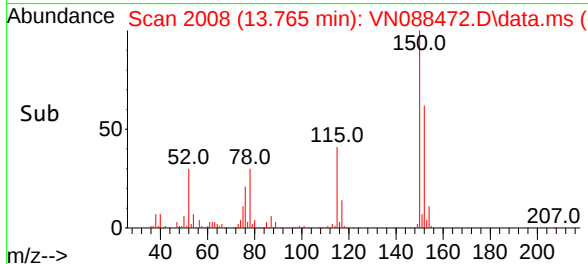
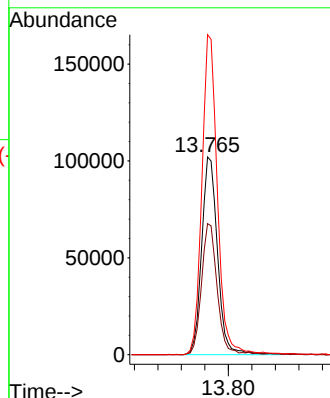
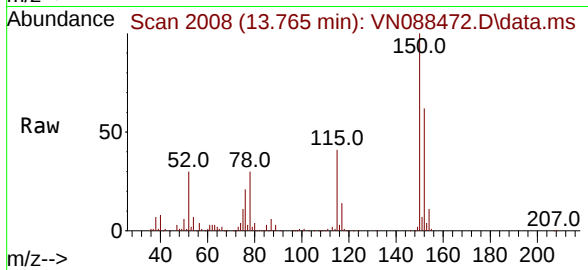




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.765 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN088472.D
 Acq: 09 Dec 2025 11:21

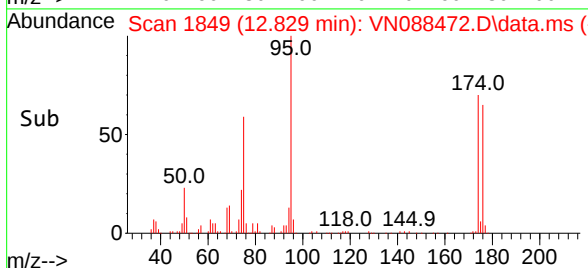
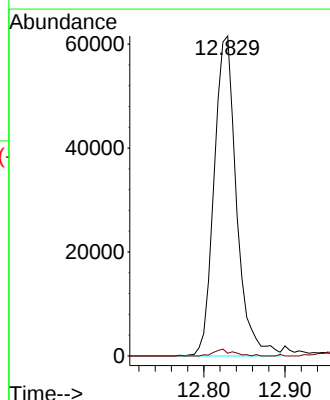
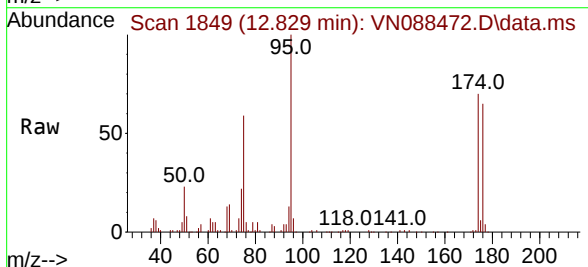
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBL01

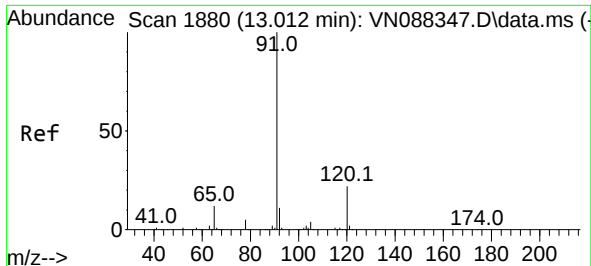
Tgt Ion:152 Resp: 191763
 Ion Ratio Lower Upper
 152 100
 115 65.5 33.0 98.9
 150 158.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.324 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. -0.141 min
 Lab File: VN088472.D
 Acq: 09 Dec 2025 11:21

Tgt Ion: 75 Resp: 118234
 Ion Ratio Lower Upper
 75 100
 77 1.7 87.2 261.6#

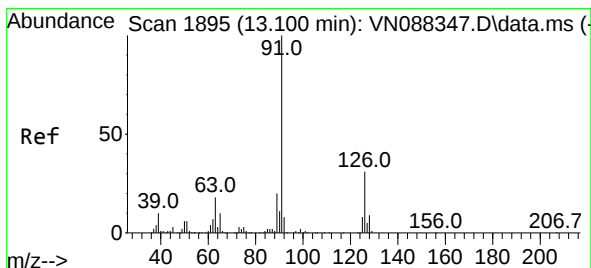
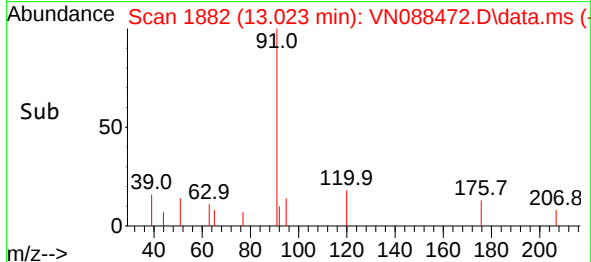
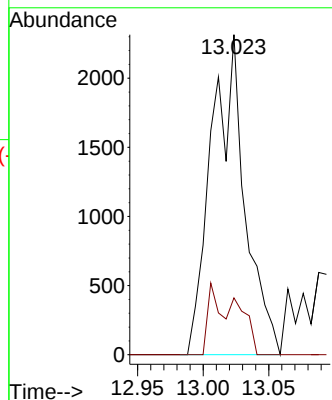
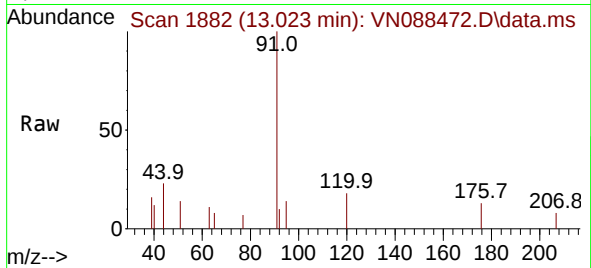




#78
n-propylbenzene
Concen: 0.237 ug/l
RT: 13.023 min Scan# 1882
Delta R.T. 0.012 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

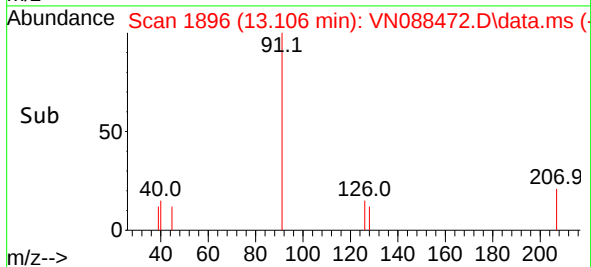
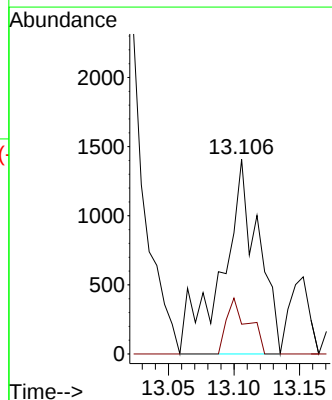
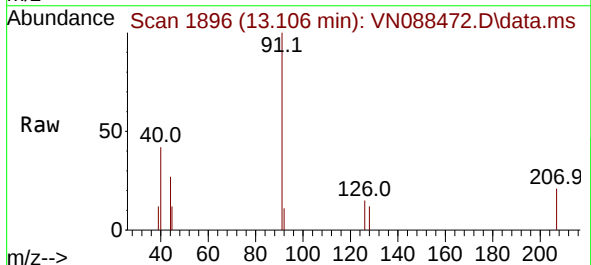
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

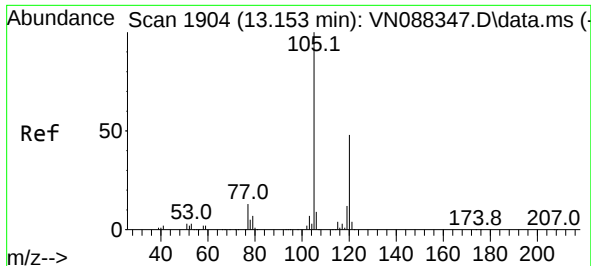
Tgt Ion: 91 Resp: 4118
Ion Ratio Lower Upper
91 100
120 9.3 10.9 32.6#



#79
2-Chlorotoluene
Concen: 0.254 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 91 Resp: 2691
Ion Ratio Lower Upper
91 100
126 17.3 15.3 45.9

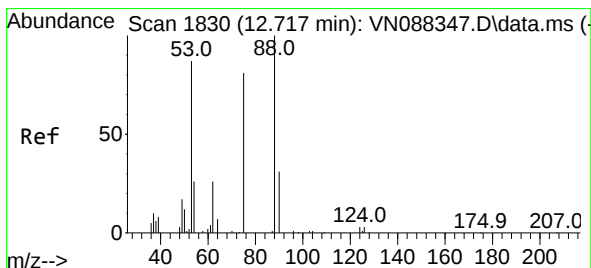
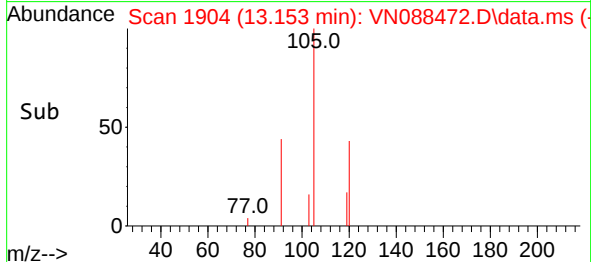
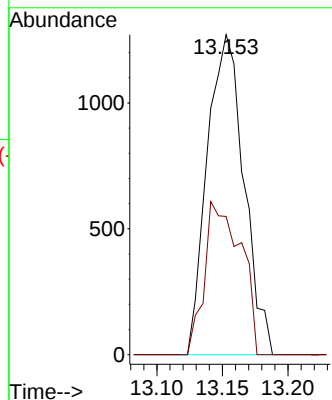
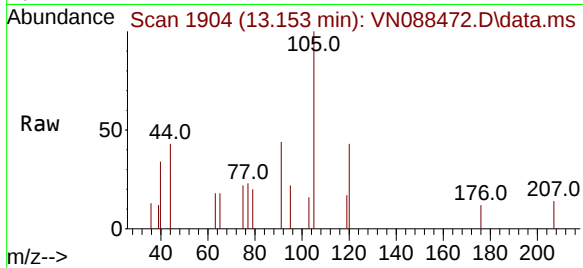




#80
 1,3,5-Trimethylbenzene
 Concen: 0.210 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VN088472.D
 Acq: 09 Dec 2025 11:21

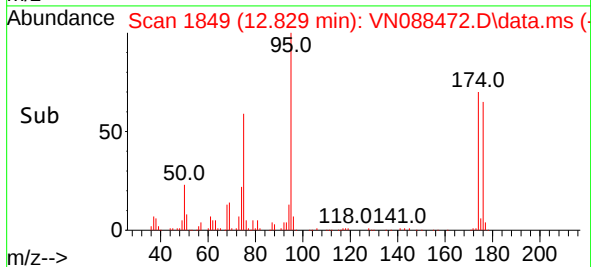
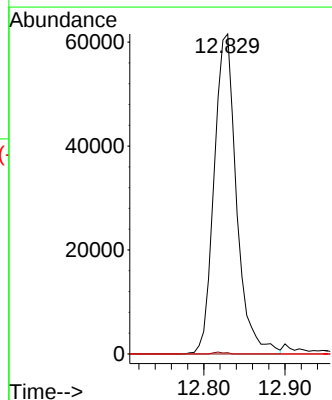
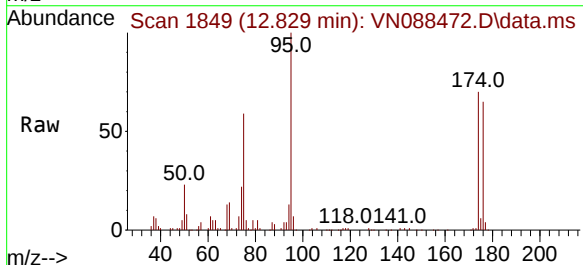
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBL01

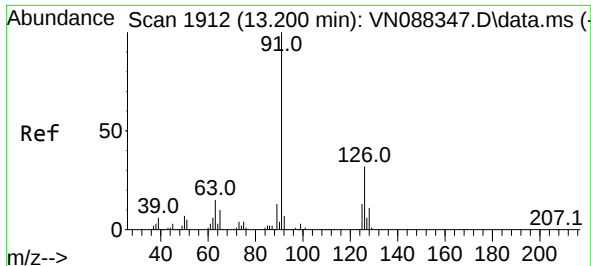
Tgt Ion:105 Resp: 2472
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.8 71.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.681 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.112 min
 Lab File: VN088472.D
 Acq: 09 Dec 2025 11:21

Tgt Ion: 75 Resp: 118234
 Ion Ratio Lower Upper
 75 100
 53 0.3 92.2 138.4#
 89 0.0 0.0 0.0

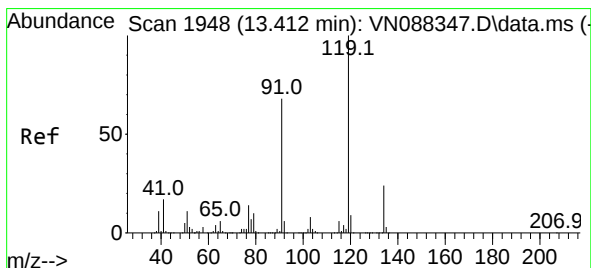
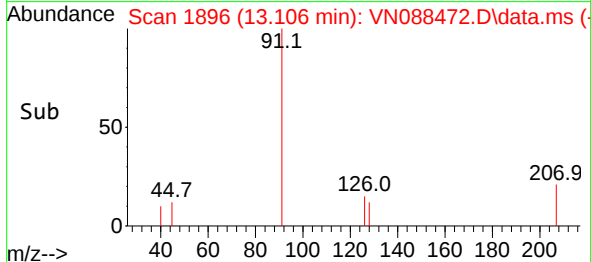
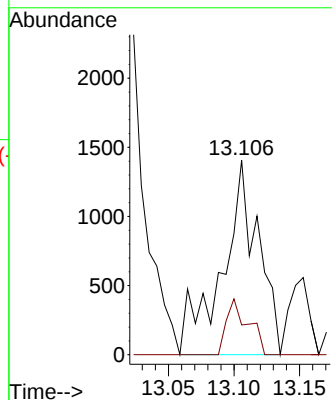
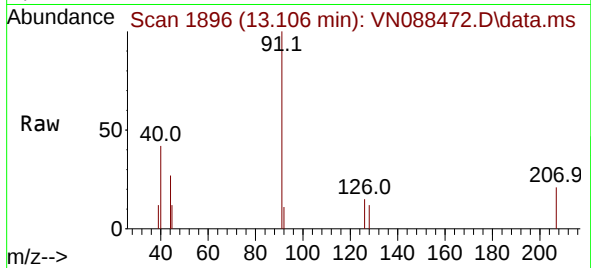




#82
4-Chlorotoluene
Concen: 0.256 ug/l
RT: 13.106 min Scan# 11
Delta R.T. -0.094 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

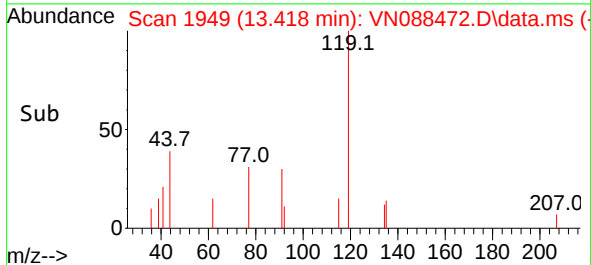
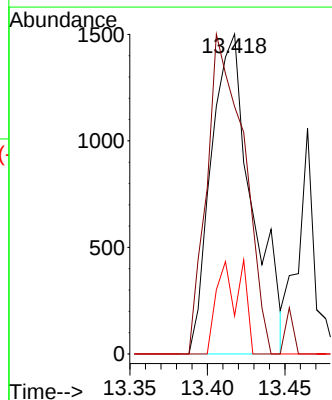
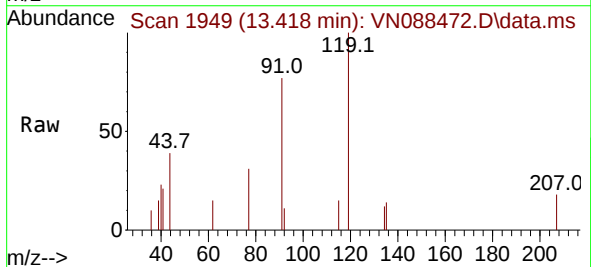
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

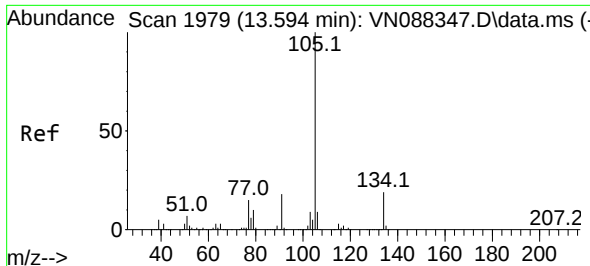
Tgt Ion: 91 Resp: 2691
Ion Ratio Lower Upper
91 100
126 17.3 15.6 46.7



#83
tert-Butylbenzene
Concen: 0.275 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 119 Resp: 2746
Ion Ratio Lower Upper
119 100
91 90.9 35.1 105.3
134 17.4 12.8 38.4

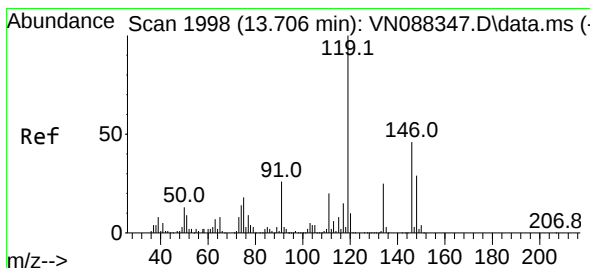
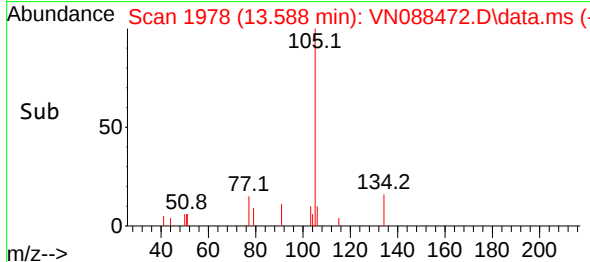
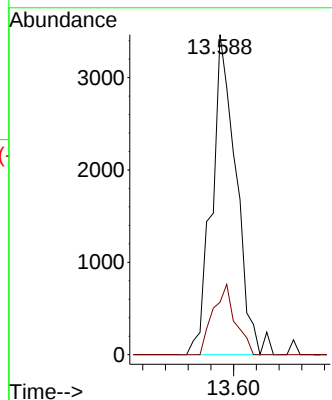
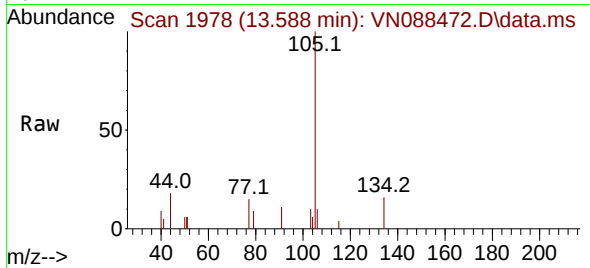




#85
 sec-Butylbenzene
 Concen: 0.359 ug/l
 RT: 13.588 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VN088472.D
 Acq: 09 Dec 2025 11:21

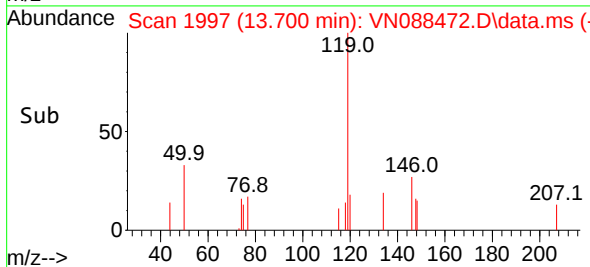
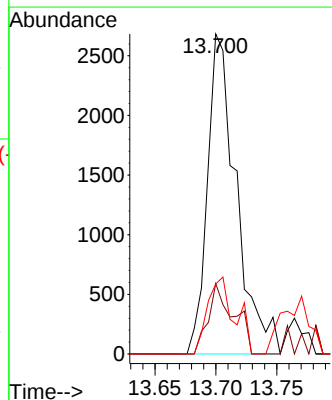
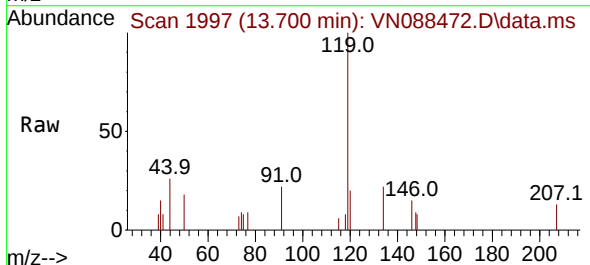
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBL01

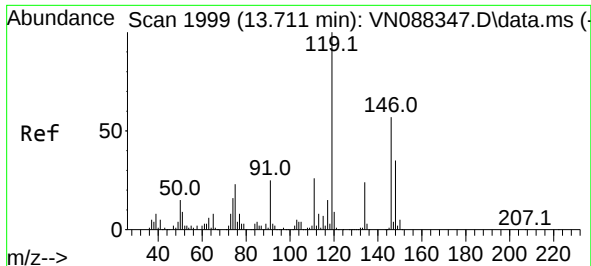
Tgt Ion:105 Resp: 5156
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 0.377 ug/l
 RT: 13.700 min Scan# 1997
 Delta R.T. -0.006 min
 Lab File: VN088472.D
 Acq: 09 Dec 2025 11:21

Tgt Ion:119 Resp: 4433
 Ion Ratio Lower Upper
 119 100
 134 19.5 12.2 36.6
 91 22.5 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 0.292 ug/l

RT: 13.717 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN088472.D

Acq: 09 Dec 2025 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBL01

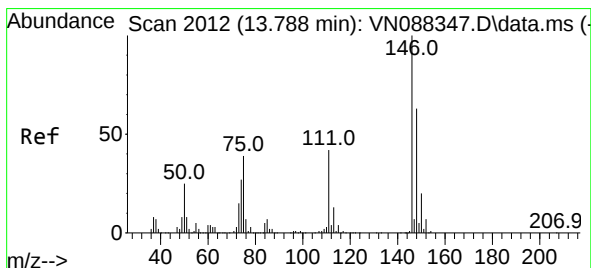
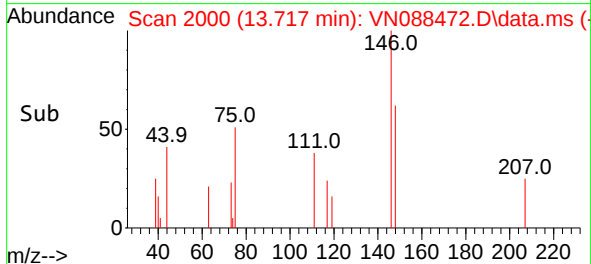
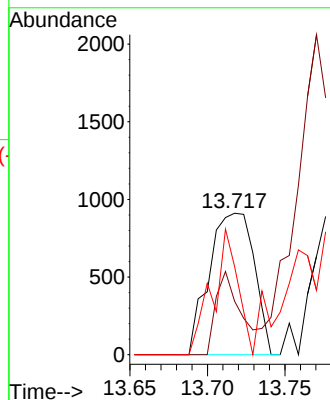
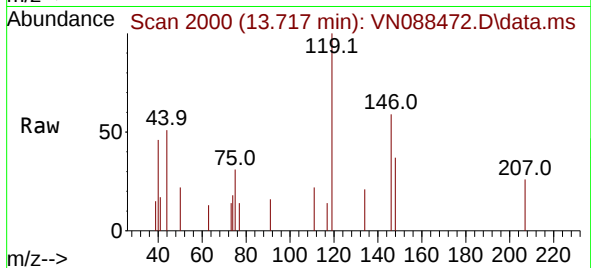
Tgt Ion:146 Resp: 1845

Ion Ratio Lower Upper

146 100

111 31.5 22.4 67.0

148 49.5 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 0.279 ug/l

RT: 13.717 min Scan# 2000

Delta R.T. -0.070 min

Lab File: VN088472.D

Acq: 09 Dec 2025 11:21

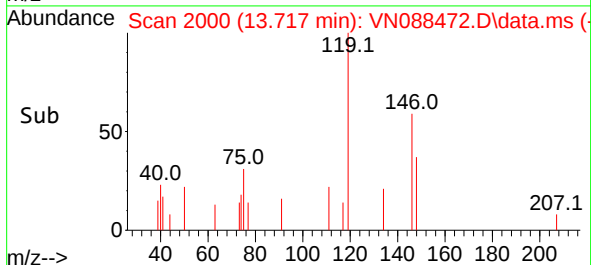
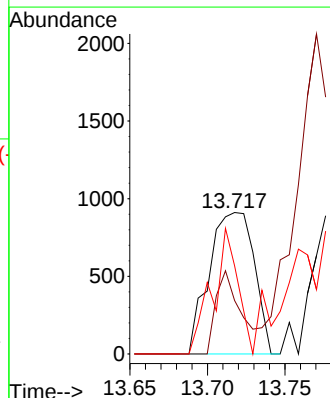
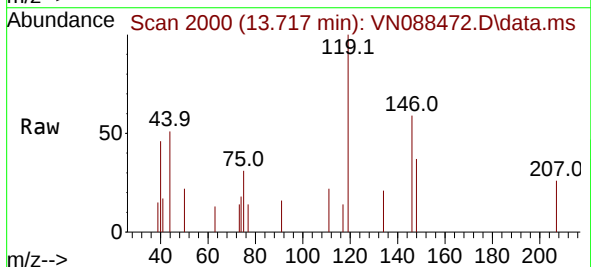
Tgt Ion:146 Resp: 1845

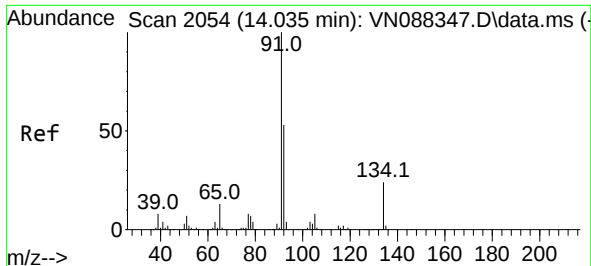
Ion Ratio Lower Upper

146 100

111 31.5 21.6 64.6

148 49.5 31.0 93.0

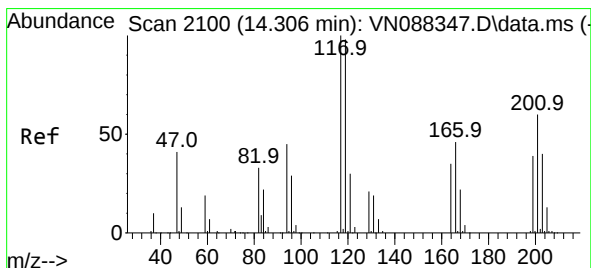
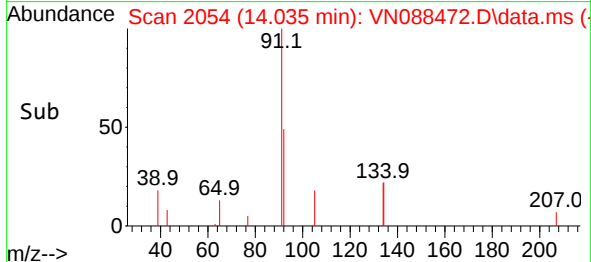
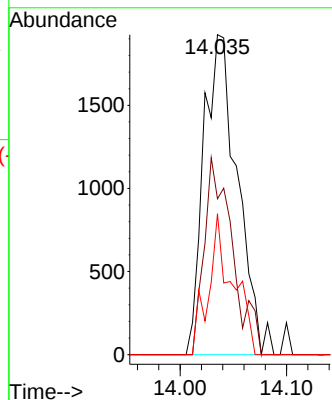
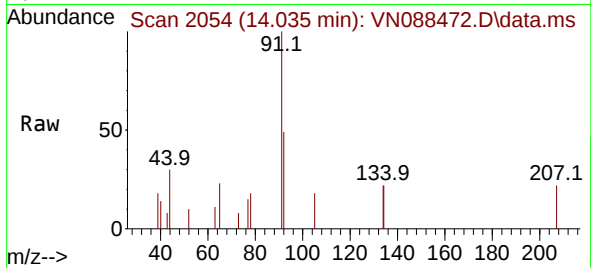




#89
n-Butylbenzene
Concen: 0.371 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

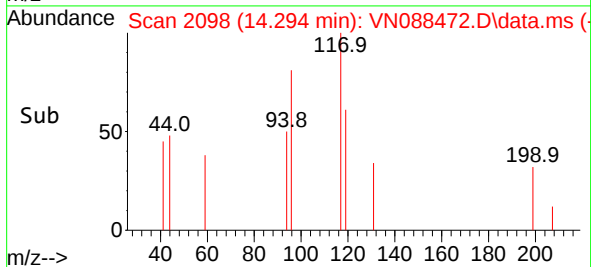
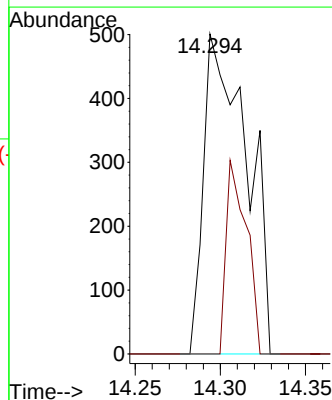
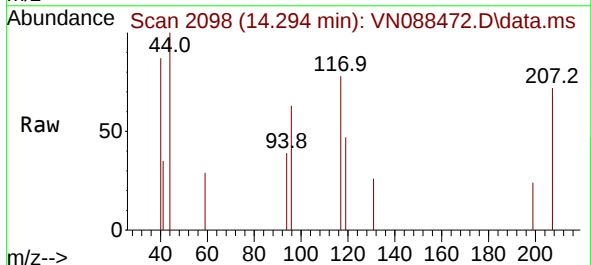
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

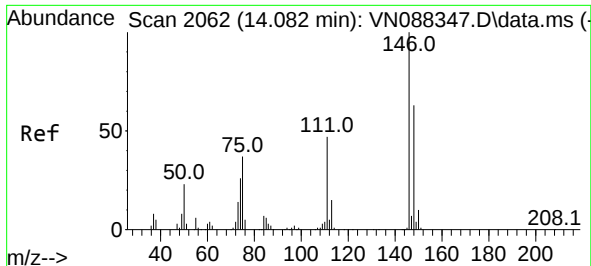
Tgt Ion: 91 Resp: 4233
Ion Ratio Lower Upper
91 100
92 51.5 26.1 78.3
134 31.8 11.7 35.1



#90
Hexachloroethane
Concen: 0.409 ug/l
RT: 14.294 min Scan# 2098
Delta R.T. -0.012 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion: 117 Resp: 879
Ion Ratio Lower Upper
117 100
201 28.7 30.3 90.9#

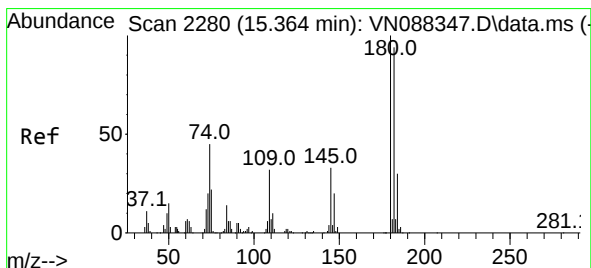
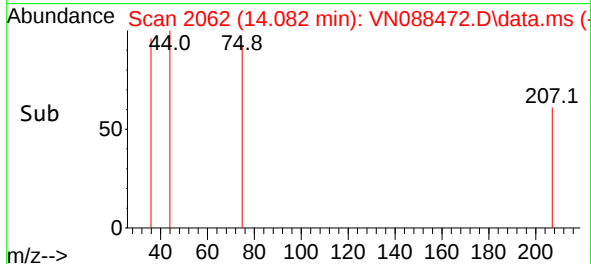
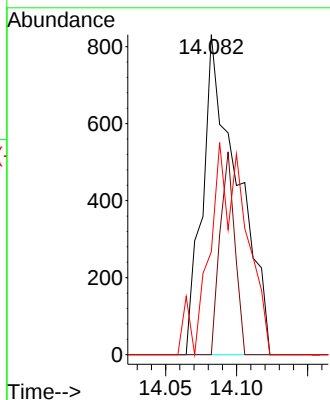
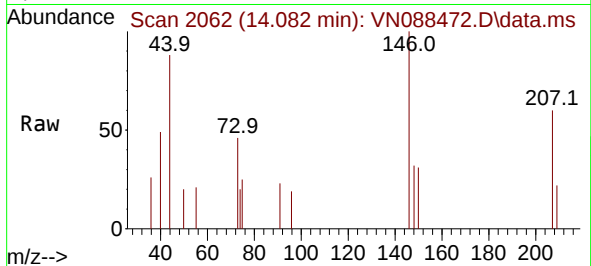




#91
1,2-Dichlorobenzene
Concen: 0.239 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

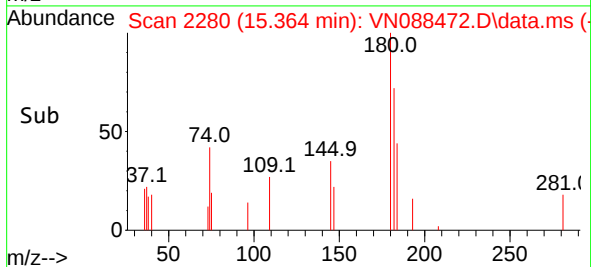
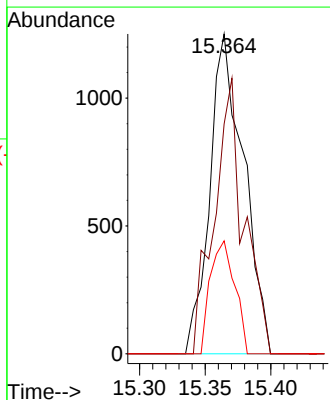
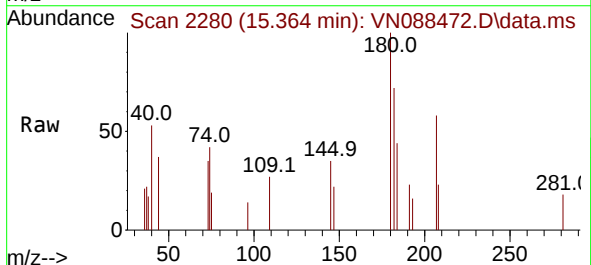
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

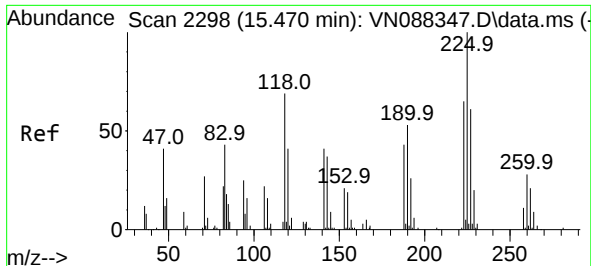
Tgt Ion:146	Resp:	1419
Ion	Ratio	Lower Upper
146	100	
111	26.8	23.3 69.9
148	69.0	31.8 95.4



#93
1,2,4-Trichlorobenzene
Concen: 0.636 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion:180	Resp:	2247
Ion	Ratio	Lower Upper
180	100	
182	75.8	46.1 138.2
145	25.6	16.7 50.1

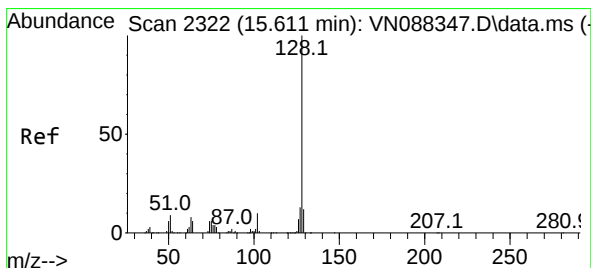
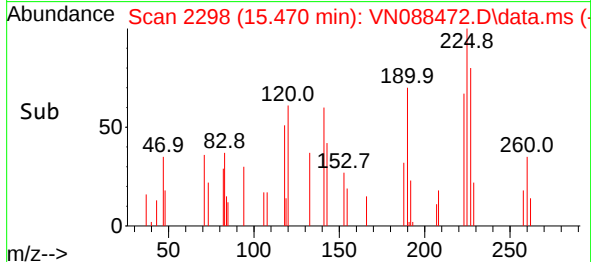
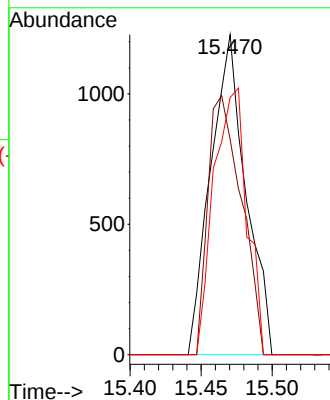
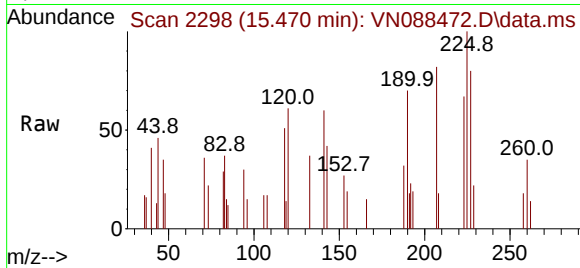




#94
Hexachlorobutadiene
Concen: 1.669 ug/l
RT: 15.470 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

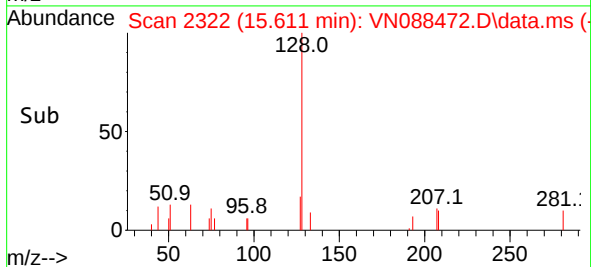
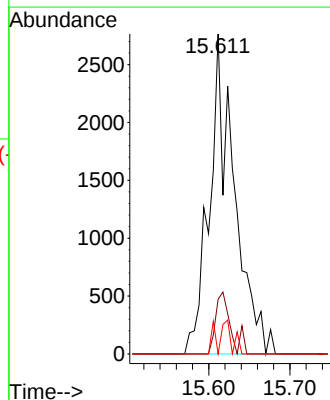
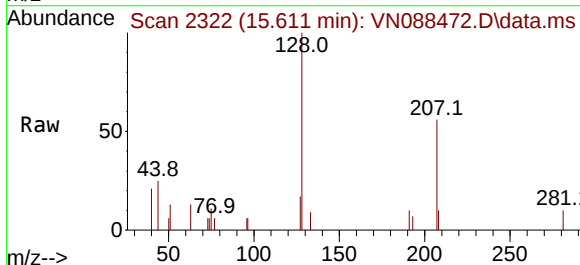
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBL01

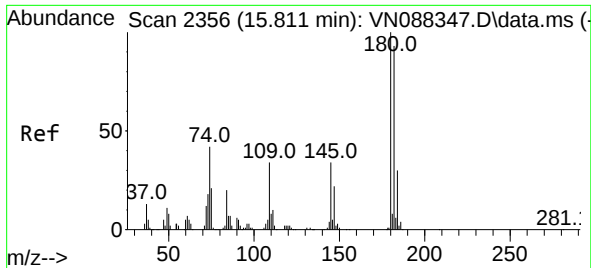
Tgt Ion:225	Resp:	2118
Ion Ratio	Lower	Upper
225	100	
223	77.0	32.3 96.8
227	78.1	29.9 89.8



#95
Naphthalene
Concen: 0.483 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088472.D
Acq: 09 Dec 2025 11:21

Tgt Ion:128	Resp:	5907
Ion Ratio	Lower	Upper
128	100	
127	10.0	10.4 15.6#
129	6.1	9.0 13.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.706 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN088472.D
 Acq: 09 Dec 2025 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	45.9	137.7
145	31.1	17.8	53.4

